valspar if it matters, we're on it.®

SAFETY DATA SHEET

Revision date 28-Jan-2016

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier Product Code

LVBRSERIES

Product Name

Low VOC Basecoat Series Mixed Colors

Other means of identification No information available

Recommended use of the chemical and restrictions on use Paint, Coatings

Details of the supplier of the safety data sheet

See section 16 for more information

The Valspar Corporation PO Box 1461 Minneapolis, MN 55440

E-mail address

msds@valspar.com

Emergency telephone number United States of America 1-888-345-5732 American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands 1-800-255-3924

Section 2: HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 2

Product Code LVBRSERIES Page 1 / 13 AGHS - USA OSHA SDS Label elements



Signal word

DANGER

HAZARD STATEMENTS

Highly flammable liquid and vapor Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction May cause cancer Suspected of damaging fertility or the unborn child Causes damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways May cause respiratory irritation May cause drowsiness or dizziness

PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

RESPONSE

IF exposed or concerned: Get medical advice/attention.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable.

OTHER HAZARDS

Harmful to aquatic life with long lasting effects. spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

Product Code LVBRSERIES Page 2 / 13 AGHS - USA OSHA SDS

UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

This document represents the broadest array of ingredient composition, hazard, and precautionary information for coatings produced from specified components of this Valspar product series and mixed according to Valspar instructions. The information presented in this SDS may overstate the actual ingredients contained in and the hazards and precautionary warnings recommended for the particular coating for which it is provided.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	21 - 44
Methyl acetate	79-20-9	17 - 36
Titanium dioxide	13463-67-7	0 - 27
n-Butyl acetate	123-86-4	0 - 23
Xylenes	1330-20-7	0 - 12
Methyl n-amyl ketone	110-43-0	0 - 6
Acetone	67-64-1	2 - 6
Naphtha, petroleum, hydrotreated heavy	64742-48-9	0 - 5
2-Pentanone, 4-methyl-	108-10-1	0 - 5
Solvent naphtha, petroleum, light aromatic	64742-95-6	0 - 4
Ethylbenzene	100-41-4	0 - 3
Carbon black	1333-86-4	0 - 3
m-Xylene	108-38-3	0 - 3
Stoddard solvent	8052-41-3	0 - 2
Benzene, 1,2,4-trimethyl-	95-63-6	0 - 2
Toluene	108-88-3	0 - 2
2-Butanone, oxime	96-29-7	0 - 0.3
Quartz	14808-60-7	0 - 0.2
Proprietary Additive	UNKNOWN	0 - 0.3
Proprietary additive	Proprietary	0 - 0.3
Proprietary additive	Proprietary	0 - 0.3

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: FIRST AID MEASURES

First Aid Measures

General advice

IF exposed or concerned: Get medical advice/attention.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms

No information available.

Product Code LVBRSERIES Page 3 / 13 AGHS - USA OSHA SDS

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by skin contact. spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal. Keep product and empty container away from heat and sources of ignition.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Product Code LVBRSERIES Page 4 / 13 AGHS - USA OSHA SDS

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

Incompatible materials

Water. Bases. Strong bases. Strong oxidizing agents. Strong acids. Acids. Strong reducing agents. Alkali. Aluminum. Combustible material. Hydrazine.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	TWA: 2.5 mg/m ³ F	TWA: 2.5 mg/m ³ F TWA: 2.5 mg/m ³ dust	
Methyl acetate 79-20-9	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m ³	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m ³ STEL: 250 ppm STEL: 760 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³
n-Butyl acetate 123-86-4	STEL: 200 ppm TWA: 150 ppm	TWA: 150 ppm TWA: 710 mg/m ³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³
Xylenes 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³	-
Methyl n-amyl ketone 110-43-0	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 465 mg/m ³
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
2-Pentanone, 4-methyl- 108-10-1	STEL: 75 ppm TWA: 20 ppm	TWA: 100 ppm TWA: 410 mg/m ³	IDLH: 500 ppm TWA: 50 ppm TWA: 205 mg/m ³ STEL: 75 ppm STEL: 300 mg/m ³
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³

Product Code LVBRSERIES Page 5 / 13 AGHS - USA OSHA SDS

IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in
TWA: 0.1 mg/m ³ Carbon black in
presence of Polycyclic aromatic
hydrocarbons PAH
IDLH: 900 ppm
TWA: 100 ppm
TWA: 435 mg/m ³
STEL: 150 ppm
STEL: 655 mg/m ³
IDLH: 20000 mg/m ³
Ceiling: 1800 mg/m ³ 15 min
TWA: 350 mg/m ³
TWA: 25 ppm
TWA: 125 mg/m ³
IDLH: 500 ppm
TWA: 100 ppm
TWA: 375 mg/m ³
STEL: 150 ppm
STEL: 560 mg/m ³
³ IDLH: 50 mg/m ³ respirable dust
TWA: 0.05 mg/m ³ respirable dust
f
3

Appropriate engineering controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Skin and body protection

Wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing.

Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal Protection

No information available

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Appearance Odor Color Odor Threshold liquid No information available Solvent No information available No information available

> Product Code LVBRSERIES Page 6 / 13 AGHS - USA OSHA SDS

pH value Melting point/freezing point Boiling point / boiling range flash point evaporation rate Flammability (solid, gas) Flammability Limit in Air	No information available No information available 56.05 °C / 133 °F -20 °C / -4 °F No information available No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor Pressure	No information available
vapor density	No information available
Density (Ibs per US gallon)	9.08
specific gravity	1.09
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

Other information

Section 10: STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Water. Bases. Strong bases. Strong oxidizing agents. Strong acids. Acids. Strong reducing agents. Alkali. Aluminum. Combustible material. Hydrazine.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Hydrogen chloride. Oxides of sulfur. Chlorine.

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact Causes serious eye irritation **Skin Contact** Causes skin irritation May cause an allergic skin reaction Ingestion May be fatal if swallowed and enters airways Inhalation May cause respiratory irritation May cause drowsiness or dizziness

Numerical measures of toxicity - Component Information

LD50 Dermal LD50	Inhalation LC50
g (Rat) > 2 mL/kg (Rabbit)	= 33 mg/L (Rat)4 h

Product Code LVBRSERIES Page 7/13 AGHS - ŬSA OSHA SDS

Methyl acetate 79-20-9	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 16000 ppm (Rat)4 h
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
n-Butyl acetate 123-86-4	= 14.13 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat)4 h
Xylenes 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg (Rat)	= 12.6 mL/kg (Rabbit)	> 2000 ppm (Rat)4 h
Acetone 67-64-1	-	-	= 50100 mg/m ³ (Rat)8 h
Naphtha, petroleum, hydrotreated heavy 64742-48-9	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	-
2-Pentanone, 4-methyl- 108-10-1	= 2080 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	= 8.2 mg/L (Rat)4 h
Solvent naphtha, petroleum, light aromatic 64742-95-6	-	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat)4 h
Carbon black 1333-86-4	-	-	-
m-Xylene 108-38-3	= 5000 mg/kg (Rat)	-	-
Stoddard solvent 8052-41-3	-	-	-
Benzene, 1,2,4-trimethyl- 95-63-6	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m ³ (Rat)4 h
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h
2-Butanone, oxime 96-29-7	= 930 mg/kg (Rat)	= 0.2 mg/kg (Rabbit)	= 20 mg/L (Rat)4 h
Quartz 14808-60-7	= 500 mg/kg (Rat)	-	-
Proprietary Additive UNKNOWN	-	-	-
Proprietary additive	-	-	-
Proprietary additive	= 2615 mg/kg (Rat)	-	-

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

	8472 Mg/kg
ATEmix (dermal) ATEmix (inhalation-dust/mist)	8113 Mg/kg 5.3 mg/l
ATEmix (inhalation-vapor)	39 mg/l
UNKNOWN ACUTE TOXICITY	0% of the mixture consists of ingredient(s) of unknown toxicity.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials. According to IARC, Volume 93, no significant exposure to primary particles of carbon black is thought to occur from use in paints since the pigment is bound to other materials.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		Х
2-Pentanone, 4-methyl- 108-10-1	A3	Group 2B		Х
Ethylbenzene 100-41-4	A3	Group 2B		Х

Product Code LVBRSERIES Page 8 / 13 AGHS - USA OSHA SDS

1333-86-4 A2 Group 1 Known X Accoll (American Conference of Governmental Industrial Hygienists) X X X X ACCOLL (American Conference of Governmental Industrial Hygienists) X X X X ACCOLL (American Conference of Governmental Industrial Hygienists) X X X X A2 Siged Contractionage Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans. X Y Group 1 Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans. X Y Y Known Carcinogenic Nown Carcinogen. CASH (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Kin corrosion/irritation Causes serious eye irritation Ease serious eye irritation Kin corrosion/irritation May cause cancer tespiratory sensitization Not applicable Sarcinogenicity May cause cancer tespiratory sensitization Not applicable pecific target organ toxicity Suspected of damaging fertility or the unborn child specific target organ toxicity Causes damage to organs through prolonged or repeated exposure tespetated exposure) Not applicabl		<u> </u>		<u>.</u>			
Dualtz A2 Group 1 Known X 14808-60-7 ACGH (American Conference of Governmental Industrial Hygienists) A2 M2 Known X A2GH (American Conference of Governmental Industrial Hygienists) A3 - Animal Carcinogen. A3 - Animal Carcinogen. X ARC (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans. WTP (Maintainal Toxicology Program) Known - Known Carcinogen. CSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Kin corrosion/Irritation Causes skin irritation May cause an allergic skin reaction Reprint Hygin May cause cancer Reprint Hygin May cause cancer Reprint Hygin May cause cancer Reproductive Toxicity Suspected of damaging ferility or the unborn child Signecific target organ toxicity Supected exposure) Section 12: ECOLOGICAL INFORMATION Section 12: ECOLOGICAL INFORMATION Ecotxicity_ Interplicable Section 12: ECOLOGICAL INFORMATION Ecotxicity_ Interplicable Section 12: ECOLOGICAL INFORMATION Ecotxicity_ Interplicable Section 12: ECOLOGICAL INFORMATION Ecotxicit	Carbon black	A3	Group 2B		Х		
14806-0-7 ACGIH (American Conference of Governmental Industrial Hygienists) A2 - Suspected Human Carcinogen. A3 - Animal Carcinogen. VARC (International Agency for Research on Cancer) Group 1 - Carcinogene. Io Humans. Group 2B - Possibly Carcinogenic to Humans. NTP (National Toxicology Program) Known Acronogen. OSH4 (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Skin corrosion/irritation Causes skin irritation Ferresent. Causes serious eye irritation Respiratory sensitization Not applicable Farcinogenic IOY May cause cancer Reprint Toxicity Suspected of dramaging fertility or the unborn child Specific target organ toxicity Suspected of dramaging fertility or the unborn child Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Not applicable Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Not applicable Specific target organ toxicity Prevent product from entering drains. <td></td> <td></td> <td></td> <td></td> <td></td>							
ACGIH (American Conference of Governmental Industrial Hygienists) A2 - Supported Human Corringon, A3 - Animal Carcinogene, and - Anitation May cause an allergic skin reaction Asy cause cancer deproductive Toxicity May cause cancer formation and toxicity (single May cause cancer teproductive Toxicity) Suspected of dramaging fertility or the unborn child specific target organ toxicity (single May cause cancer teproductive Toxicity) Causes damage to organs through prolonged or repeated exposure any specific target organ toxicity Causes damage to organs through prolonged or repeated exposure (spratice) Acocine and and and animal fertility on the unborn child specific target organ toxicity formation hazard Not applicable State Occocincty Section 12: ECOLOGICAL INFORMATION Si	Quartz	A2	Group 1	Known	Х		
A2 - Suspected Human Carcinogen. A3 - Animal Carcinogen. HRC (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans. NTF (National Toxicology Program) Known - Known Carcinogen. OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Skin corrosion/irritation Causes skin irritation Berious eye damage/eye irritation May cause en allergic skin reaction Keinsensitization Not applicable Berm cell mutagenicity Not applicable Group to to applicable Suspected of damaging fertility or the unborn child Specific target organ toxicity (Single May cause cancer teproductive Toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity (Single May cause respiratory irritation May cause drowsiness or dizziness xposure) Specific target organ toxicity (Single May cause respiratory irritation May cause drowsiness or dizziness xposure) Specific target organ toxicity (Single May cause respiratory irritation May cause drowsiness or dizziness xposure) Specific target organ toxicity (Single May cause respiratory irritation May cause drowsiness or dizziness xposure) Not applicable Section 12: ECOLOGICAL INFORMATION Ecotoxicity ko information available Maccumulation ko information available Ability ko information available Ability ko information available Ability ko information available Ability ko information available							
IARC (International Agency for Research on Cancer) Group 1- Carcinogenic to Humans. Concertop 2B - Possibly Carcinogenic to Humans. NTP (National Toxicology Program) Known - Known Carcinogenic OSH4 (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Skin corrosion/Irritation Causes skin irritation Berious eye damage/eye irritation May cause an allergic skin reaction Bepiratory sensitization May cause an allergic skin reaction Bepiratory sensitization Not applicable Barrongenicity Not applicable Carrogenicity May cause cancer Reproductive Toxicity Suspected of damaging fertility or the unborn child specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage fertes. Section 12: ECOLOGICAL INFORMATION Causes damage fertes. Servironmental precautions Prevent product from entering drains. Presistence and degradability Vo information available							
Group 1 - Carcinogenic to Humans. Group 28 - Possibly Carcinogenic to Humans. MTP (Matonal Toxicology Program) Known - Known Carcinogen. OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Skin corrosion/irritation Causes skin irritation Serious eye damagle/eye irritation Causes serious eye irritation Skin corrosion/irritation Causes serious eye irritation Skin sensitization Not applicable Barrinogenicity May cause cancer teproductive Toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity (single May cause respiratory irritation May cause drowsiness or dizziness xposure) specific target organ toxicity Causes damage to organs through prolonged or repeated exposure repeated exposure) Section 12: ECOLOGICAL INFORMATION Scotoxicity Itaministration entering drains. revisitence and degradability Prevent product from entering drains. revisitence and degradability Ko information available Moinformation available No information available	IARC (International Agency for	Research on Cancel	r)				
NTP: (National Toxicology Program) Known - Known Carcinogen. OSH4 (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Skin corrosion/irritation Causes skin irritation Skin sensitization May cause an allergic skin reaction Bern cell mutagenicity Not applicable Bern cell mutagenicity Not applicable Stripcific target organ toxicity (single May cause cancer Reproductive Toxicity (single May cause crepiratory irritation May cause drowsiness or dizziness xposure) Specific target organ toxicity (single May cause drogs through prolonged or repeated exposure) Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Not applicable Section 12: ECOLOGICAL INFORMATION Section 12: Ecological information available Specific target organ available Prevent product from entering drains. Persistence and degradability No information available<	Group 1 - Carcinogenic to Humar	ns. Group 2B - Possibl					
OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present. Skin corrosion/irritation Causes skin irritation Skin sensitization May cause an allergic skin reaction Skin sensitization Not applicable Bern cell mutagenicity May cause cancer Reproductive Toxicity Supected of damaging fertility or the unborn child Specific target organ toxicity (single May cause cancer Reproductive Toxicity (single May cause respiratory irritation May cause drowsiness or dizziness supported exposure) Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Section 12: ECOLOGICAL INFORMATION Scotoxicity Itarinful to aquatic life with long lasting effects. Invironmental precautions Prevent product from entering drains. Persistence and degradability Iso information available Sioaccumulation No information available Abin information available No information available	NTP (National Toxicology Prog	ram)	, ,				
X - Present. Skin corrosion/irritation Causes skin irritation Gerous eye damage/eye irritation Causes serious eye irritation Skin sensitization May cause an allergic skin reaction May cause an allergic skin reaction May cause an allergic skin reaction Stepiratory sensitization Not applicable Serious eye damage/eye irritation May cause cancer Reproductive Toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Causes damage to organs through prolonged or repeated exposure Reproductive Toxicity Not applicable Section 12: ECOLOGICAL INFORMATION Sectoricity Reproductive Irrepeated expande Prevent product from entering drains. Persistence and degradability Vo information available Secould information available No information available Signacumulation N							
Serious eye damage/eye irritation Causes serious eye irritation Skin sensitization May cause an allergic skin reaction Serm cell mutagenicity Not applicable Serm cell mutagenicity May cause cancer Reproductive Toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity (single May cause respiratory irritation May cause drowsiness or dizziness xposure) poetific target organ toxicity specific target organ toxicity Causes damage to organs through prolonged or repeated exposure repeated exposure) Not applicable specific target organ toxicity Causes damage to organs through prolonged or repeated exposure repeated exposure) Not applicable specific target organ toxicity Causes damage to organs through prolonged or repeated exposure repeated exposure) Not applicable specific target organ toxicity Reverse diffects. strintin to aquatic life with long lasting effects. Prevent product from entering drains. Persistence and degradability No information available No information available No information available Abbility No information available Abinformation available No information available		d Health Administrat	tion of the US Department	of Labor)			
Skin sensitization May cause an allergic skin reaction Respiratory sensitization Not applicable Serm cell mutagenicity May cause cancer Seperific target organ toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Not applicable Stoction 12: ECOLOGICAL INFORMATION Section 12: ECOLOGICAL information Scotoxicity Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability Io information available Robility Io information available Not information available No information available	Skin corrosion/irritation	Causes skin i	rritation				
Skin sensitization May cause an allergic skin reaction Respiratory sensitization Not applicable Serm cell mutagenicity May cause cancer Seperific target organ toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Causes damage to organs through prolonged or repeated exposure specific target organ toxicity Not applicable Stoction 12: ECOLOGICAL INFORMATION Section 12: ECOLOGICAL information Scotoxicity Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability Io information available Robility Io information available Not information available No information available	Serious eye damage/eye irritation	on Causes serio	us eye irritation				
Berm cell mutagenicity Not applicable Carcinogenicity May cause cancer Seproductive Toxicity Suspected of damaging fertility or the unborn child Seproductive Toxicity Suspected of damaging fertility or the unborn child Seproductive Toxicity Suspected of damaging fertility or the unborn child Seproductive Toxicity Suspected of damaging fertility or the unborn child Seproductive Toxicity Causes damage to organs through prolonged or repeated exposure Sepretific target organ toxicity Causes damage to organs through prolonged or repeated exposure Repeated exposure) Section 12: ECOLOGICAL INFORMATION Section 12: ECOLOGICAL INFORMATION Section 12: ecological information aquitable Section 12: ECOLOGICAL INFORMATION Section 12: ecological information aquitable Section 12: Ecological information aquitable Prevent product from entering drains. Persistence and degradability Prevent product from entering drains. Sioaccumulation No information aquitable Mobility No information aquitable	Skin sensitization						
Carcinogenicity May cause cancer Suspected of damaging fertility or the unborn child Specific target organ toxicity (single May cause respiratory irritation May cause drowsiness or dizziness seposure) Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure repeated exposure) Not applicable Section 12: ECOLOGICAL INFORMATION Sector 12: ECOLOGICAL INFORMA	Respiratory sensitization						
Reproductive Toxicity Suspected of damaging fertility or the unborn child Specific target organ toxicity (single May cause respiratory irritation May cause drowsiness or dizziness Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Specific target organ toxicity Causes damage to organs through prolonged or repeated exposure Repeated exposure) Not applicable Section 12: ECOLOGICAL INFORMATION Ecotoxicity Ecotoxicity Environmental precautions Prevent product from entering drains. Prevent product from entering drains. Reprise Environ available Soccumulation Ability No information available Ability No information available Ability No information available Ability No information available							
Specific target organ toxicity (single May cause respiratory irritation May cause drowsiness or dizziness is posure) Specific target organ toxicity repeated exposure Causes damage to organs through prolonged or repeated exposure Not applicable Section 12: ECOLOGICAL INFORMATION Ecotoxicity tarmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability to information available No information available Bioaccumulation available No information available Ability to information available No information available	Carcinogenicity						
xposure) Causes damage to organs through prolonged or repeated exposure repeated exposure) Not applicable Section 12: ECOLOGICAL INFORMATION cotoxicity Section 12: ECOLOGICAL INFORMATION cotoxicity Item to aquatic life with long lasting effects. invironmental precautions Prevent product from entering drains. Persistence and degradability Prevent product from entering drains. Robility No information available Nobility No information available No information available No information available							
Specific target organ toxicity repeated exposure) spiration hazard Causes damage to organs through prolonged or repeated exposure Not applicable Section 12: ECOLOGICAL INFORMATION Ecotoxicity Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability lo information available Prevent product from entering drains. Bioaccumulation lo information available No information available Abbility lo information available No information available		ingle May cause re	spiratory irritation May ca	ause drowsiness or dizziness			
Aspiration hazard Not applicable Section 12: ECOLOGICAL INFORMATION Ecotoxicity_ Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability No information available Bioaccumulation No information available Dither adverse effects No information available		Causas damo	an to organs through pro	longed or repeated experience	`		
Aspiration hazard Not applicable Section 12: ECOLOGICAL INFORMATION Ecotoxicity_ Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability to information available Prevent product from entering drains. Bioaccumulation to information available No information available Abbility to information available No information available		Causes dama	Causes damage to organs through prolonged or repeated exposure				
Section 12: ECOLOGICAL INFORMATION Ecotoxicity_ Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability ko information available Bioaccumulation ko information available Mobility ko information available No information available		Not applicable	Not applicable				
Ecotoxicity Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability No information available Bioaccumulation No information available Aboility No information available Dther adverse effects No information available							
Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability Prevent product from entering drains. No information available Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. No information available Prevent product from entering drains. Abbility Prevent product from entering drains. No information available Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. No information available Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains.		Section 12:	ECOLOGICAL INF	ORMATION			
Harmful to aquatic life with long lasting effects. Environmental precautions Prevent product from entering drains. Persistence and degradability Prevent product from entering drains. No information available Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. No information available Prevent product from entering drains. Abbility Prevent product from entering drains. No information available Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. No information available Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains.							
Environmental precautions Prevent product from entering drains. Persistence and degradability Prevent product from entering drains. No information available Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. No information available Prevent product from entering drains. Mobility Prevent product from entering drains. Poblicy Prevent product from entering drains. No information available Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Bioaccumulation Prevent product from entering drains. No information available Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent product from entering drains. Prevent prev							
Persistence and degradability No information available Bioaccumulation No information available Mobility No information available Dther adverse effects No information available	Harmful to aquatic life with long la	sting effects.					
No information available Bioaccumulation No information available Mobility No information available Other adverse effects No information available	Environmental precautions	Prevent produ	uct from entering drains.				
No information available Bioaccumulation No information available Mobility No information available Other adverse effects No information available							
Bioaccumulation Bioaccumulation No information available Dither adverse effects No information available	Persistence and degradability						
No information available Aobility Ao information available Other adverse effects No information available	No information available						
No information available Aobility Ao information available Other adverse effects No information available	Discoursulation						
<i>Iobility Io</i> information available <i>Dther adverse effects</i> No information available							
Io information available Other adverse effects No information available	no mormation available						
Io information available Other adverse effects No information available	Mobility						
Other adverse effects No information available							
	Other adverse effects	No informatio	n available				
Section 13: DISPOSAL CONSIDERATIONS							
		Section 13:	DISPOSAL CONSI	DERATIONS			

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

Section 14: TRANSPORT INFORMATION

14.1 UN/ID no 14.2 Proper shipping name	DOT UN1263 Paint	IMDG UN1263 Paint	IATA UN1263 Paint
14.3 Hazard Class 14.4 Packing Group 14.5 Environmental hazard	3 II Not applicable	3 II Product Code _ LVBRSERIES	3 II

Product Code LVBRSERIES Page 9 / 13 AGHS - USA OSHA SDS

Product Code	LVBRSERIES
Page	10 / 13
AGHS - USA	A OSHA SDS

	Number	F-E, S-E	
	128		
14.7	Transport in bulk according to Annex	II of MARPOL 73/78 and the IBC Code	

Emergency Response Guide

149, B52, IB2, T4, TP1, TP8, TP28 163

Section 15: REGULATORY INFORMATION

EmS-No

International Inventories

14.6 Special Provisions

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

All components are listed or exempt from listing.

US Federal Regulations

Chemical Name	TSCA - Toxic Substances Control Act, Section 12(b) Export Notification
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	Section 4

Chemical Name	SARA 313 - Threshold Values %	Hazardous air pollutants (HAPs) content
Xylenes	1	Present
1330-20-7		
0 - 12		
Aluminum	1	
7429-90-5		
0 - 7		
2-Pentanone, 4-methyl-	1	Present
108-10-1		
0 - 5		
Ethylbenzene	0.1	Present
100-41-4		
0 - 3		
m-Xylene	1	Present
108-38-3		
0 - 3		
C.I. Pigment Yellow 129	1	
15680-42-9		
0 - 2		
Benzene, 1,2,4-trimethyl-	1	
95-63-6		
0 - 2		
Toluene	1	Present
108-88-3		
0 - 2		
PROPRIETARY COPPER COMPOUND	1.0	
UNKNOWN		
0 - 2		

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	Yes

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
n-Butyl acetate 123-86-4	5000 lb			х
Xylenes 1330-20-7	100 lb			х
Ethylbenzene 100-41-4	1000 lb	X	X	х
m-Xylene 108-38-3	100 lb			х

A3, A72

No information available

Toluene	1000 lb	Х	Х	Х
108-88-3				

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
n-Butyl acetate 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Acetone 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
2-Pentanone, 4-methyl- 108-10-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
m-Xylene 108-38-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

Rule 66 status of product

Photochemically reactive.

<u>California Proposition 65</u> WARNING! This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

U.S. EPA Label information EPA Pesticide registration number Not applicable

U.S. State Right-to-Know Regulations

Chemical Name Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 Methyl acetate 79-20-9 Titanium dioxide 13463-67-7 n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS
98-56-6 Methyl acetate 79-20-9 Titanium dioxide 13463-67-7 n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Methyl acetate 79-20-9 Titanium dioxide 13463-67-7 n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Inert Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Titanium dioxide 13463-67-7 n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Titanium dioxide 13463-67-7 n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Inert Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
13463-67-7 n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
n-Butyl acetate 123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Inert Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
123-86-4 Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Inert Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Inert Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Xylenes 1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
1330-20-7 Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Iron oxide (Fe2O3)
1309-37-1
Proprietary Non-Hazardous Ingredient - Proprietary CAS
Proprietary Non-Hazardous Ingredient - Proprietary CAS

Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Alurninum 7429-90-5 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent n		
Proprietary Non-Hazardous Ingredient - Proprietary CAS Aluminum 7429-90-5 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-33-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Aluminum 7429-90-5 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 1470-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent napht	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
7429-90-5 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous I	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Carbon black 1333-86-4 m-Xylene 100-31-4 Carbon black 1333-86-4 m-Xylene 100-33-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
C.I. Pigment Green 7 1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Devent naphtha, petroleum, light aromatic 64742-9-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
1328-53-6 C.I. Pigment Green 36 14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7		
14302-13-7 Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigmen	1328-53-6	
Methyl n-amyl ketone 110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
110-43-0 Proprietary Non-Hazardous Ingredient - Proprietary CAS C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 12		
C.I. Pigment Blue 15 147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
147-14-8 Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Proprietary Non-Hazardous Ingredient - Proprietary CAS Acetone 67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
67-64-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Proprietary Non-Hazardous Ingredient - Proprietary CAS Naphtha, petroleum, hydrotreated heavy 64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
64742-48-9 2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
2-Pentanone, 4-methyl- 108-10-1 Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Proprietary Non-Hazardous Ingredient - Proprietary CAS Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Proprietary Non-Hazardous Ingredient - Proprietary CAS Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
Solvent naphtha, petroleum, light aromatic 64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
64742-95-6 Ethylbenzene 100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent	Proprietary Non-Hazardous Ingredient - Proprietary CAS	
100-41-4 Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Carbon black 1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
1333-86-4 m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
m-Xylene 108-38-3 Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
Barium sulfate 7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
7727-43-7 C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
C.I. Pigment Yellow 129 15680-42-9 Stoddard solvent		
15680-42-9 Stoddard solvent		
Stoddard solvent		
0050 44 0		
	8052-41-3	
Benzene, 1,2,4-trimethyl-		
95-63-6 Toluene		
108-88-3		
2-Butanone, oxime		
96-29-7		

Product Code LVBRSERIES Page 12 / 13 AGHS - USA OSHA SDS

Quartz
14808-60-7

Section 16: OTHER INFORMATION

HMIS Health hazards * = Chronic Health Hazard	3*
Flammability Physical hazards Personal Protection	3 1 X
Supplier Address Valspar Coatings 701 Shiloh Rd. Garland, TX 75042 972-276-5181	
Prepared By	Product Stewardship
Revision date Revision Note	28-Jan-2016 No information available

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

End of Safety Data Sheet

Product Code LVBRSERIES Page 13/13 AGHS - ŬSA OSHA SDS