

SAFETY DATA SHEET

Revision date 29-Jan-2016

Version 1

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

Product identifier

Product Code LIC50SERIES

Product Name LIC50 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 sensitization	Category 1
Carcinogenicity	Category 1A
Flammable liquids	Category 2

Label elements



Signal word

DANGER

HAZARD STATEMENTS

Highly flammable liquid and vapor May cause an allergic skin reaction May cause cancer

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. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. 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. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Fire

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

STORAGE

Store locked up. 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

Causes mild skin irritation.

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-%
Titanium dioxide	13463-67-7	0 - 35
n-Butyl acetate	123-86-4	6 - 13

Ethylene glycol monobutyl ether acetate	112-07-2	3 - 7
Carbon black	1333-86-4	0 - 8
Methyl n-amyl ketone	110-43-0	1.7 - 4
Xylenes	1330-20-7	0.3 - 3
Manganese dioxide	1313-13-9	0 - 3
Solvent naphtha, petroleum, light aromatic	64742-95-6	0 - 0.1
Proprietary additive	Proprietary	1 - 3
Ethylbenzene	100-41-4	0 - 0.5
Alkanoate ester	Proprietary	0.3 - 1
Quartz	14808-60-7	0 - 0.4

^{*}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. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Inhalation

IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

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.

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

Product Code LIC50SERIES
Page 3 / 11
AGHS - USA OSHA SDS

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

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.

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

None known.

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
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³
13463-67-7			

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/m³ STEL: 200 ppm STEL: 950 mg/m³
Ethylene glycol monobutyl ether acetate 112-07-2	TWA: 20 ppm		TWA: 5 ppm TWA: 33 mg/m ³
Carbon black 1333-86-4	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m ³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
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
Xylenes 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³	-
Manganese dioxide 1313-13-9	TWA: 0.02 mg/m³ Mn TWA: 0.1 mg/m³ Mn	Ceiling: 5 mg/m ³ Mn	IDLH: 500 mg/m³ Mn TWA: 1 mg/m³ Mn STEL: 3 mg/m³ Mn
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
Quartz 14808-60-7	TWA: 0.025 mg/m³ respirable fraction	TWA: (30)/(%SiO2 + 2) mg/m³ TWA total dust TWA: (250)/(%SiO2 + 5) mppcf TWA respirable fraction TWA: (10)/(%SiO2 + 2) mg/m³ TWA respirable fraction	IDLH: 50 mg/m³ respirable dust TWA: 0.05 mg/m³ respirable dust

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 liquid

Appearance No information available

Odor Solvent

Color
Odor Threshold
PH value
Melting point/freezing point
Boiling point / boiling range
flash point

No information available

evaporation rateFlammability (solid, gas)
No information available
No information available

Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
Vapor Pressure
vapor density

No information available
No information available
No information available

Density (lbs per US gallon) 10.25 specific gravity 1.23

Solubility(ies)

Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic 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 None known.

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO2).

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact

Not applicable

Skin Contact

Not applicable

Ingestion

Not applicable

Inhalation

Not applicable

Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	
Titanium dioxide	> 10000 mg/kg (Rat)	-	-	
13463-67-7				

n-Butyl acetate 123-86-4	= 14.13 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Ethylene glycol monobutyl ether acetate 112-07-2	= 1600 mg/kg (Rat)	= 1480 mg/kg (Rabbit)	-
Carbon black 1333-86-4	-	-	-
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg (Rat)	= 12.6 mL/kg (Rabbit)	> 2000 ppm (Rat) 4 h
Xylenes 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h
Manganese dioxide 1313-13-9	= 9000 mg/kg (Rat)	-	-
Solvent naphtha, petroleum, light aromatic 64742-95-6	-	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Proprietary additive	= 2615 mg/kg (Rat)	-	-
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat) 4 h
Alkanoate ester	-	-	-
Quartz 14808-60-7	= 500 mg/kg (Rat)	-	-

Numerical measures of toxicity - Product Information

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

 ATEmix (oral)
 8341
 Mg/kg

 ATEmix (dermal)
 9149
 Mg/kg

 ATEmix (inhalation-dust/mist)
 8.3
 mg/l

 ATEmix (inhalation-vapor)
 71
 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
Ethylene glycol monobutyl ether acetate 112-07-2	А3			
Carbon black 1333-86-4	А3	Group 2B		Х
Ethylbenzene 100-41-4	А3	Group 2B		X
Quartz 14808-60-7	A2	Group 1	Known	Х

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen. A3 - Animal Carcinogen.

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans.

NTP (National Toxicology Program)

Known - Known Carcinogen.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present.

Skin corrosion/irritationNot applicableSerious eye damage/eye irritationNot applicableSkin sensitizationNot applicable

Product Code LIC50SERIES
Page 7/11
AGHS - USA OSHA SDS

Respiratory sensitization Not applicable Germ cell mutagenicity Not applicable Carcinogenicity Not applicable Not applicable **Reproductive Toxicity** Specific target organ toxicity (single Not applicable

exposure)

Specific target organ toxicity

(repeated exposure) **Aspiration hazard**

Not applicable

Not applicable

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Environmental precautions Prevent product from entering drains.

Persistence and degradability

No information available

Bioaccumulation

No information available

Mobility

No information available

Other adverse effects No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

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

regulations.

Improper disposal or reuse of this container may be dangerous and illegal. Empty Contaminated packaging

containers must be scrapped or reconditioned.

Section 14: TRANSPORT INFORMATION

	DOT	<u>IMDG</u>	<u>IATA</u>
14.1 UN/ID no	UN1263	UN1263	UN1263
14.2 Proper shipping name	Paint related material	Paint related material	Paint related material

14.3 Hazard Class 3 3 3 i i 14.4 Packing Group Ш

14.5 Environmental hazard Not applicable

14.6 Special Provisions 149, B52, IB2, T4, TP1, TP8, TP28 163 A3, A72

Emergency Response Guide EmS-No Number F-E, S-E

128

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

Section 15: REGULATORY INFORMATION

International Inventories

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)-	Section 4
98-56-6	

Chemical Name	SARA 313 - Threshold Values %	Hazardous air pollutants (HAPs) content
Raw umber	1	Present
12713-03-0		
0 - 15		
Ethylene glycol monobutyl ether acetate	1	Present
112-07-2		
3 - 7		
Xylenes	1	Present
1330-20-7		
0.3 - 3		
Manganese dioxide	1	Present
1313-13-9		
0 - 3		
Ethylbenzene	0.1	Present
100-41-4		
0 - 0.5		

SARA 311/312 Hazard Categories

Acute health hazardYesChronic Health HazardYesFire hazardYesSudden release of pressure hazardNoReactive HazardNo

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

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
n-Butyl acetate	5000 lb		RQ 5000 lb final RQ
123-86-4			RQ 2270 kg final RQ
Xylenes	100 lb		RQ 100 lb final RQ
1330-20-7			RQ 45.4 kg final RQ
Ethylbenzene	1000 lb		RQ 1000 lb final RQ
100-41-4			RQ 454 kg final RQ

US State Regulations

Rule 66 status of product

Photochemically reactive.

California Proposition 65

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	
n-Butyl acetate	
123-86-4	
Xylenes	
1330-20-7	

Titanium dioxide
13463-67-7
Toluene
108-88-3
Trade Secret
Trade Secret
Methyl acetate
79-20-9
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6
Trade Secret
Trade Secret
Trade Secret
Trade Secret
Iron oxide (Fe2O3)
1309-37-1
Trade Secret
Trade Secret
Trade Secret
Trade Secret
Ethylbenzene
100-41-4
Trade Secret
Trade Secret
Aluminum 7429-90-5
Acetone
67-64-1
Trade Secret
C.I. Pigment Green 7
1328-53-6
C.I. Pigment Green 36
14302-13-7
Methyl n-amyl ketone
110-43-0 Solvent naphtha, petroleum, light aromatic
64742-95-6
Trade Secret
C.I. Pigment Blue 15
147-14-8 Trade Secret
m-Xylene
108-38-3
Trade Secret
Naphtha, petroleum, hydrotreated heavy
64742-48-9

2-Pentanone, 4-methyl-	
108-10-1	
Trade Secret	
Benzene, 1,2,4-trimethyl-	
95-63-6	
Carbon black	
1333-86-4	
o-Xylene	
95-47-6	
p-Xylene	
106-42-3	
Barium sulfate	
7727-43-7	
C.I. Pigment Yellow 129	
15680-42-9	
Stoddard solvent	
8052-41-3	
2-Butanone, oxime 96-29-7	
Quartz	
14808-60-7	

Section 16: OTHER INFORMATION

HMIS

Health hazards 2*

* = Chronic Health Hazard

Flammability 3 Physical hazards 0 Personal Protection X

Supplier Address

Valspar Coatings 701 Shiloh Rd. Garland, TX 75042 972-276-5181

Prepared By Product Stewardship

Revision date 29-Jan-2016

Revision Note 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