

SAFETY DATA SHEET

Revision date 29-Jan-2016 Version 1

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name CPSHS Series Mixed Colors

Product Code CPSHSSERIES

UN/ID no UN1263

Recommended 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

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E-mail address msds@valspar.com

Emergency telephone number 1-888-345-5732

Section 2: HAZARDS IDENTIFICATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

HAZARD STATEMENTS

Flammable liquid and vapor. May cause cancer Causes skin irritation Causes serious eye irritation

WHMIS Hazard Class

B2 - Flammable liquid D2A - Very toxic materials D2B - Toxic materials



gnal word DANGER

PREVENTION

Ground/bond container and receiving equipment Keep container tightly closed Take precautionary measures against static discharge Do not handle until all safety precautions have been read and understood Obtain special instructions before use Wear protective gloves/protective clothing/eye protection/face protection Use only non-sparking tools Use explosion-proof electrical/ventilating/ lighting/ equipment

RESPONSE

IF exposed or concerned: Get medical advice/attention

Eyes

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

Skin

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

DISPOSAL

Dispose of contents/containers in accordance with local regulations

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-% |
|--|------------|-----------|
| Barium sulfate | 7727-43-7 | 15 - 27 |
| Talc | 14807-96-6 | 10 - 25 |
| Titanium dioxide | 13463-67-7 | 0 - 14 |
| n-Butyl acetate | 123-86-4 | 8 - 11 |
| Methyl n-amyl ketone | 110-43-0 | 8 - 9 |
| Benzene, 1-chloro-4-(trifluoromethyl)- | 98-56-6 | 2 - 6 |
| Limestone | 1317-65-3 | 0 - 5 |
| C.I. Pigment Blue 15 | 147-14-8 | 0 - 3 |
| Iron oxide (Fe2O3) | 1309-37-1 | 0 - 2 |
| Iron hydroxide oxide | 20344-49-4 | 0 - 2 |
| Carbon black | 1333-86-4 | 0 - 0.8 |
| Quartz | 14808-60-7 | 0.1 - 0.3 |

Section 4: FIRST AID MEASURES

First Aid Measures

General advice

IF exposed or concerned: Get medical advice/attention

Eye contact

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

Skin Contact

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 physiciansTreat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flammable properties Flammable liquid.

flash point 9 °F / -13 °C

Upper flammability limit: No information available

Lower flammability limit: No information available

Autoignition temperature No information available

Explosion data

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

Suitable extinguishing media

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

Not to be used for safety reasons: Strong water jet

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2).

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.

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

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.

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 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.

Section 7: HANDLING AND STORAGE

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.

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.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Exposure Limits

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

| Chemical Name | ACGIH TLV | Alberta | British Columbia | Ontario TWA | Quebec | OSHA PEL |
|-------------------------------|------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|
| Barium sulfate | TWA: 5 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ |
| 7727-43-7 | inhalable fraction, | | TWA: 3 mg/m ³ | | TWA: 5 mg/m ³ | total dust |
| | particulate matter | | | | | TWA: 5 mg/m ³ |
| | containing no | | | | | respirable fraction |
| | asbestos and <1% | | | | | |
| | crystalline silica | | | | | |
| Talc | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 3 mg/m ³ | TWA: 20 mppcf if |
| 14807-96-6 | particulate matter | | | | | 1% Quartz or more, |
| | containing no | | | | | use Quartz limit |
| | asbestos and <1% | | | | | |
| | crystalline silica, | | | | | |
| | respirable fraction | | | | | |
| Titanium dioxide | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ |
| 13463-67-7 | | | TWA: 3 mg/m ³ | | | total dust |
| n-Butyl acetate | STEL: 200 ppm | TWA: 150 ppm | TWA: 20 ppm | TWA: 150 ppm | TWA: 150 ppm | TWA: 150 ppm |
| 123-86-4 | TWA: 150 ppm | TWA: 713 mg/m ³ | | STEL: 200 ppm | TWA: 713 mg/m ³ | TWA: 710 mg/m ³ |
| | | STEL: 200 ppm | | | STEL: 200 ppm | |
| | | STEL: 950 mg/m ³ | | | STEL: 950 mg/m ³ | |
| Methyl n-amyl ketone | TWA: 50 ppm | TWA: 50 ppm | TWA: 50 ppm | TWA: 25 ppm | TWA: 50 ppm | TWA: 100 ppm |
| 110-43-0 | | TWA: 233 mg/m ³ | | TWA: 115 mg/m ³ | TWA: 233 mg/m ³ | TWA: 465 mg/m ³ |
| Benzene, | TWA: 2.5 mg/m ³ F | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ F |
| 1-chloro-4-(trifluoromethyl)- | | | | | | TWA: 2.5 mg/m ³ |
| 98-56-6 | | | | | | dust |
| Limestone | | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | _ | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ |
| 1317-65-3 | | - | TWA: 3 mg/m ³ | | - | total dust |
| | | | STEL: 20 mg/m ³ | | | TWA: 5 mg/m ³ |
| | | | | | | respirable fraction |
| C.I. Pigment Blue 15 | TWA: 1 mg/m ³ Cu | | | _ | | |
| 147-14-8 | dust and mist | | | | | |

| Iron oxide (Fe2O3) 1309-37-1 | TWA: 5 mg/m ³ respirable fraction | TWA: 5 mg/m ³ | TWA: 10 mg/m ³ TWA: 3 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ TWA: 10 mg/m ³ | TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction |
|------------------------------------|--|------------------------------|---|-----------------------------|---|---|
| Iron hydroxide oxide 20344-49-4 | TWA: 1 mg/m ³ Fe | TWA: 1 mg/m ³ | TWA: 1 mg/m ³ STEL: 2 mg/m ³ | TWA: 1 mg/m ³ | TWA: 1.0 mg/m ³ | |
| Carbon black 1333-86-4 | TWA: 3 mg/m ³ inhalable fraction | TWA: 3.5 mg/m ³ | TWA: 3 mg/m ³ | TWA: 3 mg/m ³ | TWA: 3.5 mg/m ³ | TWA: 3.5 mg/m ³ |
| Quartz 14808-60-7 | TWA: 0.025 mg/m³ respirable fraction | TWA: 0.025 mg/m ³ | TWA: 0.025 mg/m ³ | TWA: 0.10 mg/m ³ | TWA: 0.1 mg/m ³ | 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 |

Engineering Controls

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

Personal Protective Equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

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.

Skin and body protection

Wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber. Wear suitable protective clothing.

Respiratory protection

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

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state liquid

Appearance No information available

Odor Solvent

Color
No information available
126 °C / 259 °F
-13 °C / 9 °F
No information available

Flammability (solid, gas)

Flammability Limit in Air

Upper flammability limit: No information available

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Lower flammability limit:No information availableVapor PressureNo information availablevapor densityNo information available

Density (lbs per US gallon) 12.66 specific gravity 1.52

Solubility(ies)

Partition coefficient

Autoignition temperature

Decomposition temperature

Kinematic viscosity

Dynamic viscosity

No information available

Other information

Section 10: STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Incompatible materials Strong oxidizing agents. Strong reducing agents. Alkali. Combustible material.

Conditions to avoid Heat, flames and sparks.

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

Chlorine.

Possibility of Hazardous Reactions None under normal processing.

Hazardous polymerization None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Information on likely routes of exposure

Eye contact
Causes serious eye irritation
Skin Contact
Causes skin irritation
Ingestion
Not applicable
Inhalation
Not applicable

Numerical measures of toxicity - Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---------------------|-------------------------|----------------------|
| Barium sulfate | - | - | - |
| Talc | - | - | - |
| Titanium dioxide | > 10000 mg/kg (Rat) | - | - |
| n-Butyl acetate | = 14.13 mg/kg (Rat) | > 17600 mg/kg (Rabbit) | = 390 ppm (Rat) 4 h |
| Methyl n-amyl ketone | = 1600 mg/kg (Rat) | = 12.6 mL/kg (Rabbit) | > 2000 ppm (Rat) 4 h |
| Benzene, 1-chloro-4-(trifluoromethyl)- | = 13 g/kg (Rat) | > 2 mL/kg (Rabbit) | = 33 mg/L (Rat) 4 h |
| Limestone | - | - | - |
| C.I. Pigment Blue 15 | - | - | - |
| Iron oxide (Fe2O3) | > 10000 mg/kg (Rat) | - | - |
| Iron hydroxide oxide | > 10000 mg/kg (Rat) | - | - |
| Carbon black | - | - | - |
| Quartz | = 500 mg/kg (Rat) | - | _ |

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

Skin corrosion/irritation Causes skin irritation

Serious eye damage/eye irritation Causes serious eye irritation

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

exposure)

Specific target organ toxicity

Not applicable

(repeated exposure)

Aspiration hazard Not applicable

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 | | Group 2B | | X |
| Carbon black | A3 | Group 2B | | Х |
| Quartz | A2 | Group 1 | Known | X |

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

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Environmental precautions Prevent product from entering drains.

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|--|---|--|---------------------------------------|
| Barium sulfate | - | - | - |
| Talc | - | > 100 g/L Brachydanio rerio 96h LC50 | - |
| Titanium dioxide | - | - | - |
| n-Butyl acetate | = 674.7 mg/L Desmodesmus subspicatus 72 h EC50 | = 100 mg/L Lepomis macrochirus 96h LC50 17 - 19 mg/L Pimephales promelas 96h LC50 | - |
| Methyl n-amyl ketone | - | 126 - 137 mg/L Pimephales promelas 96h LC50 | - |
| Benzene, 1-chloro-4-(trifluoromethyl)- | - | - | = 3.68 mg/L Daphnia magna 48h EC50 |
| Limestone | - | - | - |
| C.I. Pigment Blue 15 | | | |
| Iron oxide (Fe2O3) | - | - | - |
| Iron hydroxide oxide | - | - | - |

| Carbon black | - | - | - |
|--------------|---|---|---|
| Quartz | = | = | = |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

| Chemical Name | Partition Coefficient (n-octanol/water) |
|--|---|
| Barium sulfate | - |
| Talc | - |
| Titanium dioxide | - |
| n-Butyl acetate | 1.81 |
| Methyl n-amyl ketone | 1.98 |
| Benzene, 1-chloro-4-(trifluoromethyl)- | 3.7 |
| Limestone | - |
| C.I. Pigment Blue 15 | 6.6 |
| Iron oxide (Fe2O3) | - |
| Iron hydroxide oxide | - |
| Carbon black | - |
| Quartz | - |

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products

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.

Section 14: TRANSPORT INFORMATION

| UN/ID no Proper shipping name | TDG UN1263 Paint | IMDG UN1263 Paint | <u>IATA</u> UN1263 Paint |
|----------------------------------|------------------------|---------------------------|--------------------------------|
| Hazard Class | 3 | 3 | 3 |
| Packing Group | II | II | II |
| Environmental hazard | Not applicable | | |
| Special Provisions | | 163 | A3, A72 |
| | | EmS-No F-E, S-E | |

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

DSL - Canadian Domestic Substances List

All components are listed or exempt

from listing

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

B2 - Flammable liquid D2A - Very toxic materials D2B - Toxic materials



| Chemical Name | Canada - 2013 NPRI (National Pollutant Release Inventory) |
|--|---|
| n-Butyl acetate | Part 5, Individual Substances |
| Methyl n-amyl ketone | Part 4 Substance |
| Benzene, 1-chloro-4-(trifluoromethyl)- | Part 4 Substance |
| C.I. Pigment Blue 15 | Part 1, Group A Substance |

GHS - Classification

| Carcinogenicity | Category 1A |
|-------------------|-------------|
| Flammable liquids | Category 2 |

Label elements



Signal word

DANGER

HAZARD STATEMENTS

Highly flammable liquid and vapor 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. 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.

Eves

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 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.

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Section 16: OTHER INFORMATION

HMIS

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