



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Canadian Hazardous Products Regulations (HPR: SOR/2015-17)

Issuing Date 23-Jan-2019

Revision Date: 23-Jan-2019

Revision Number: 1

1. Identification

Product identifier

Product Name BENJAMIN MOORE COROTECH FAST DRY POLYAMIDE EPOXY DEEP BASE

Other means of identification

Product Code V410-87

Alternate Product Code V41087

UN-No. UN1263

Synonyms No information available

Recommended use of the chemical and restrictions on use

Recommended use Industrial paint

Restrictions on use No information available

Details of the supplier of the safety data sheet

Initial Supplier Identifier

Benjamin Moore & Co. Ltd.
8775 Keele Street
Concord, ON L4K 2N1
www.benjaminmoore.ca
Telephone: 1-800-361-5898

Manufacturer Address

Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
www.benjaminmoore.com
Telephone: 1-855-724-6802

Emergency telephone number

Initial supplier phone number 1-800-361-5898

Company Phone Number 1-855-724-6802

Emergency Telephone CHEMTREC (US): 800-424-9300
CHEMTREC (outside US): (703)-527-3887
CANUTEC: 613-996-6666 (CND)

2. Hazard(s) identification

Classification

| | |
|-----------------------------------|-------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2A |
| Skin sensitization | Category 1 |
| Carcinogenicity | Category 2 |

| | |
|--|-------------|
| Reproductive toxicity | Category 1B |
| Specific target organ toxicity (single exposure) | Category 1 |
| Specific target organ toxicity (repeated exposure) | Category 1 |
| Aspiration hazard | Category 1 |
| Flammable liquids | Category 3 |

Appearance colored liquid

Physical state Liquid

Odor solvent

Label elements

Danger

Hazard statements

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



Precautionary Statements - 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 must 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
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical, ventilating and lighting equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor

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

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

Fire

In case of fire: Use CO₂, dry chemical, or foam to extinguish

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

Toxic to aquatic life with long lasting effects Harmful to aquatic life

CAUTION: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, use an appropriate anti-slip aggregate.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

| Chemical name | CAS No. | Weight-% | Trade secret | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--|------------|-----------|--------------|--|---|
| 4,4-isopropylidenediphenol-epichlorohydrin copolymer | 25068-38-6 | 10 - 30 | * | - | - |
| Titanium dioxide | 13463-67-7 | 10 - 30 | * | - | - |
| Copolymer, bisphenol A diglycidylether-bisphenol A | 25036-25-3 | 10 - 30 | * | - | - |
| Xylene | 1330-20-7 | 7 - 13 | * | - | - |
| Kaolin | 1332-58-7 | 5 - 10 | * | - | - |
| Ethyl benzene | 100-41-4 | 1 - 5 | * | - | - |
| Solvent naphtha, petroleum, light aromatic | 64742-95-6 | 1 - 5 | * | - | - |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1 - 5 | * | - | - |
| Silica, amorphous | 7631-86-9 | 0.5 - 1.5 | * | - | - |

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

4. First-aid measures

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required.

| | |
|---|--|
| Inhalation | Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. If symptoms persist, call a physician. |
| Ingestion | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention. |
| Self-protection of the first aider | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Symptoms | Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Burning sensation. |
|-----------------|---|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|--|
| Note to physicians | May cause sensitization in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. |
|---------------------------|--|

5. Fire-fighting measures

| | |
|---|---|
| Suitable Extinguishing Media | Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam. |
| Unsuitable extinguishing media | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Specific hazards arising from the chemical | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact. |

Explosion Data

Sensitivity to mechanical impact No

Sensitivity to static discharge Yes

| | |
|---|--|
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |
|---|--|

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information

Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment

Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------------|---------------------------------|---|-----------------------------|
| Titanium dioxide 13463-67-7 | 10 mg/m ³ - TWA | 15 mg/m ³ - TWA | 5000 mg/m ³ IDLH |
| Xylene 1330-20-7 | 100 ppm - TWA 150 ppm - STEL | 100 ppm - TWA 435 mg/m ³ - TWA | - |
| Kaolin 1332-58-7 | 2 mg/m ³ - TWA | 15 mg/m ³ - TWA 5 mg/m ³ - TWA | - |

| Ethyl benzene 100-41-4 | 20 ppm - TWA | 100 ppm - TWA 435 mg/m ³ - TWA | 800 ppm IDLH (10% LEL) | |
|--------------------------------|--|---|---------------------------------|--|
| Silica, amorphous 7631-86-9 | - | 20 mppcf - TWA | 3000 mg/m ³ IDLH | |
| Chemical name | Alberta | British Columbia | Ontario | Quebec |
| Titanium dioxide 13463-67-7 | 10 mg/m ³ - TWA | 10 mg/m ³ - TWA 3 mg/m ³ - TWA | 10 mg/m ³ - TWA | 10 mg/m ³ - TWAEV |
| Xylene 1330-20-7 | 100 ppm - TWA 434 mg/m ³ - TWA 150 ppm - STEL 651 mg/m ³ - STEL | 100 ppm - TWA 150 ppm - STEL | 100 ppm - TWA 150 ppm - STEL | 100 ppm - TWAEV 434 mg/m ³ - TWAEV 150 ppm - STEV 651 mg/m ³ - STEV |
| Kaolin 1332-58-7 | 2 mg/m ³ - TWA | 2 mg/m ³ - TWA | 2 mg/m ³ - TWA | 5 mg/m ³ - TWAEV |
| Ethyl benzene 100-41-4 | 100 ppm - TWA 434 mg/m ³ - TWA 125 ppm - STEL 543 mg/m ³ - STEL | 20 ppm - TWA | 20 ppm - TWA | 100 ppm - TWAEV 434 mg/m ³ - TWAEV 125 ppm - STEV 543 mg/m ³ - STEV |

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance colored liquid
Color All
Odor solvent
Odor Threshold No information available

| Property | Values | Remarks/ • Method |
|--|-------------------|--------------------------|
| pH | No data available | None known |
| Melting point / freezing point | No data available | None known |
| Boiling point / boiling range | 137 °C / 279 °F | |
| Flash point | 27 °C / 81 °F | PMCC |
| Evaporation rate | No data available | None known |
| Flammability (solid, gas) | Not applicable | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive | No data available | |

limits

| | | |
|---|-------------------|------------|
| Vapor pressure | no data available | None known |
| Vapor density | No data available | None known |
| Relative Density | 1.37 - 1.42 | |
| Water solubility | No data available | None known |
| Solubility in other solvents | | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |

Other information

| | |
|-----------------------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening Point | No information available |
| Molecular Weight | No information available |
| VOC Regulatory Limit (g/L) | < 250 |
| Density (lbs/gal) | 11.5 - 11.8 |
| Bulk density | No information available |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to avoid | Heat, flames and sparks. |
| Incompatible materials | Strong acids. Strong bases. Strong oxidizing agents. |
| Hazardous decomposition products | None known based on information supplied. |

11. Toxicological information

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. |
| Eye contact | Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation. |
| Skin contact | May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Repeated exposure may cause skin dryness or cracking. Causes skin irritation. |
| Ingestion | Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

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

| | |
|-------------------------------|-----------------|
| ATEmix (oral) | 10,684.50 mg/kg |
| ATEmix (dermal) | 8,719.70 mg/kg |
| ATEmix (inhalation-dust/mist) | 12.57 mg/l |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-----------------------|--------------------------|-----------------------------------|
| 4,4-isopropylidenediphenol-epic chlorhydrin copolymer 25068-38-6 | = 11400 mg/kg (Rat) | - | - |
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | - |
| Xylene 1330-20-7 | = 3500 mg/kg (Rat) | > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h |
| Ethyl benzene 100-41-4 | = 3500 mg/kg (Rat) | = 15400 mg/kg (Rabbit) | = 17.2 mg/L (Rat) 4 h |
| Solvent naphtha, petroleum, light aromatic 64742-95-6 | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |
| 1,2,4-Trimethylbenzene 95-63-6 | = 3280 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 18 g/m ³ (Rat) 4 h |
| Silica, amorphous 7631-86-9 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 2.2 mg/L (Rat) 1 h |

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

| | |
|--|---|
| Skin corrosion/irritation | Classification based on data available for ingredients. Irritating to skin. |
| Serious eye damage/eye irritation | Classification based on data available for ingredients. Irritating to eyes. |
| Respiratory or skin sensitization | May cause sensitization by skin contact. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | Classification based on data available for ingredients. |

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--------------------------------|--|-----------------------------------|-----|--------|
| Titanium dioxide 13463-67-7 | - | 2B - Possible Human Carcinogen | - | Listed |
| Ethyl benzene 100-41-4 | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans | 2B - Possible Human Carcinogen | - | Listed |

- Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Reproductive toxicity

Classification based on data available for ingredients.

STOT - single exposure

Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). Causes damage to organs.

STOT - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

12. Ecological information

Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--|---|--|--|---|
| Xylene 1330-20-7 | - | LC50 = 13.4 mg/L Pimephales promelas (96 h) LC50 = 13.5 - 17.3 mg/L Oncorhynchus mykiss (96 h) LC50 = 2.661 - 4.093 mg/L Oncorhynchus mykiss (96 h) LC50 = 13.1 16.5 mg/L Lepomis macrochirus (96 h) LC50 = 23.53 - 29.97 mg/L Pimephales promelas (96 h) LC50 = 30.26 - 40.75 mg/L Poecilia reticulata (96 h) LC50 = 19 mg/L Lepomis macrochirus (96 h) LC50 = 780 mg/L Cyprinus carpio (96 h) LC50 > 780 mg/L Cyprinus carpio (96 h) LC50 = 7.711 - 9.591 mg/L Lepomis macrochirus (96 h) | EC50 = 0.0084 mg/L (24 h) | LC50 = 0.6 mg/L (48 h) EC50 = 3.82 mg/L (48 h) |
| Ethyl benzene 100-41-4 | EC50 = 4.6 mg/L (72 h) EC50 = 2.6 - 11.3 mg/L (72 h) | LC50 11.0 - 18.0 mg/L Oncorhynchus mykiss(96 h) LC50 = 4.2 mg/L Oncorhynchus mykiss(96 h) LC50 = 7.55 - 11 mg/L Pimephales promelas(96 h) LC50 = 9.1 - 15.6 mg/L Pimephales promelas(96 h) LC50 = 9.6 mg/L Poecilia reticulata(96 h) LC50 = 32 mg/L Lepomis macrochirus(96 h) | EC50 = 9.68 mg/L (30 min) EC50 = 96 mg/L (24 h) | EC50 = 1.8 - 2.4 mg/L (48 h) |
| Solvent naphtha, petroleum, light aromatic 64742-95-6 | - | LC50 = 9.22 mg/L Oncorhynchus mykiss (96 h) | - | EC50 = 6.14 mg/L (48 h) |
| 1,2,4-Trimethylbenzene 95-63-6 | - | LC50 7.19 - 8.28 mg/L Pimephales promelas (96 h) | - | EC50 = 6.14 mg/L (48 h) |
| Silica, amorphous 7631-86-9 | EC50 = 440 mg/L (72 h) | LC50 = 5000 mg/L Brachydanio rerio (96 h) | - | EC50 = 7600 mg/L (48 h) |

Persistence / Degradability

No information available.

Bioaccumulation

No information available.

Component Information

| Chemical name | Partition coefficient |
|-----------------------------------|-----------------------|
| Xylene 1330-20-7 | 3.15 |
| Ethyl benzene 100-41-4 | 3.118 |
| 1,2,4-Trimethylbenzene 95-63-6 | 3.63 |

Other adverse effects

No information available.

13. Disposal considerations

Waste treatment methods

| | |
|--|--|
| Waste from residues/unused products | Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging | Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. |

14. Transport information

DOT

| | |
|--|--|
| UN-No. | UN1263 |
| Proper Shipping Name | PAINT |
| Hazard class | 3 |
| Packing Group | III |
| Special Provisions | B1, B52, IB3, T2, TP1, TP29, 367, B131 |
| Description | UN1263, PAINT, 3, III |
| Emergency Response Guide Number | 128 |

TDG

| | |
|-----------------------------|-----------------------|
| UN-No. | UN1263 |
| Proper Shipping Name | PAINT |
| Hazard class | 3 |
| Packing Group | III |
| Special Provisions | 59, 142 |
| Description | UN1263, PAINT, 3, III |

IATA

| | |
|-----------------------------------|-----------------------|
| UN number | UN1263 |
| Proper shipping name | PAINT |
| Transport hazard class(es) | 3 |
| Packing group | III |
| ERG Code | 3L |
| Special Provisions | A3, A72, A192 |
| Description | UN1263, PAINT, 3, III |

IMDG

| | |
|-----------------------------------|---|
| UN number | UN1263 |
| Proper Shipping Name | PAINT |
| Transport hazard class(es) | 3 |
| Packing Group | III |
| EMS No. | F-E, S-E |
| Special Provisions | 163, 223, 367 955 |
| Description | UN1263, PAINT (4,4-isopropylidenediphenol-epichlorohydrin copolymer), 3, III, (27°C C.C.), Marine Pollutant |

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer not applicable

The Stockholm Convention on Persistent Organic Pollutants not applicable

The Rotterdam Convention not applicable

International Inventories

TSCA: United States

Yes - All components are listed or exempt.

DSL: Canada

Yes - All components are listed or exempt.

EINECS/ELINCS

Contact supplier for inventory compliance status.

ENCS

Contact supplier for inventory compliance status.

IECSC

Contact supplier for inventory compliance status.

KECL

Contact supplier for inventory compliance status.

PICCS

Contact supplier for inventory compliance status.

AICS

Contact supplier for inventory compliance status.

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical name | SARA 313 - Threshold Values % |
|----------------------------------|-------------------------------|
| Xylene - 1330-20-7 | 1.0 |
| Ethyl benzene - 100-41-4 | 0.1 |
| 1,2,4-Trimethylbenzene - 95-63-6 | 1.0 |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Xylene 1330-20-7 | 100 lb | - | - | X |
| Ethyl benzene 100-41-4 | 1000 lb | X | X | X |

CAA (Clean Air Act)

This product contains the following hazardous air pollutants (HAPs), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

| Chemical name | CAA (Clean Air Act) |
|---------------------------|---------------------|
| Xylene 1330-20-7 | X |
| Ethyl benzene 100-41-4 | X |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | SARA RQ |
|---------------------------|--------------------------|------------------------------------|-------------------|
| Xylene 1330-20-7 | 100 | - | 100 lb 45.4 kg |
| Ethyl benzene 100-41-4 | 1000 | - | 1000 lb 454 kg |

US State Regulations

California Proposition 65

 **WARNING:** Cancer and Reproductive Harm— www.P65warnings.ca.gov

State Right-to-Know

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------------|------------|---------------|--------------|
| Titanium dioxide 13463-67-7 | X | X | X |
| Xylene 1330-20-7 | X | X | X |
| Kaolin 1332-58-7 | X | X | X |
| Ethyl benzene 100-41-4 | X | X | X |
| 1,2,4-Trimethylbenzene 95-63-6 | X | X | X |
| Silica, amorphous 7631-86-9 | X | X | X |

16. Other information

NFPA **Health:** 2 **Flammability:** 3 **Instability:** 0 **Special:** Not Applicable

NFPA Legend

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used. Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

HMIS **Health:** 2* **Flammability:** 3 **Reactivity:** 0 **PPE:** -

HMIS Legend

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- * - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or

risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Key or legend to abbreviations and acronyms used in the safety data sheet

| | | | |
|---------|-----------------------------|------|----------------------------------|
| N/E | Not established | N/A | Not applicable |
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | * | Skin designation |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

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End of MSDS