SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 17-Mar-2020 **Revision Date** 17-Mar-2020 **Revision Number** 1

1. Identification

Product identifier

Product Name Suspended Ceiling Grid Systems

Other means of identification

Product Code(s) Prelude, Suprafine, Silhouette, Interlude, CleanRoom, Single Span, Continuous Load Path, Drywall Grid Systems, QuikStix, ShortSpan, Molding, Transition Molding, Angle Molding

Synonyms Ceiling Grid Suspension System, Main Beams, Main Runners, Cross Tees, Cross Runners, Molding/Trim

Recommended use of the chemical and restrictions on use

Recommended use Ceilings

Restrictions on use No information available.

Details of the supplier of the safety data sheet

Initial supplier identifier
Armstrong World Industries
255 Montpellier Blvd
St. Laurent, Quebec
Canada H4N 2G3
Tel: 877-276-7876
techline@armstrongceilings.com

E-mail techline@armstrongceilings.com

Emergency telephone number

Emergency Telephone 1-800-255-3924 (ChemTel)

2. Hazard(s) identification

Classification

This product is an article as defined by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200) and Canada WHMIS 2015, which includes the amended Hazardous Products Act (HPA). No exposure to hazardous chemicals is expected to occur during intended product use. Misuse of the product may result in exposure to hazards.

Skin sensitization	Category 1
Carcinogenicity	Category 2

Label elements

Warning

Hazard statements

May cause an allergic skin reaction.
Suspected of causing cancer.

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. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label).
Skin
IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Precautionary Statements - Storage
Store locked up.
Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant.

Other information
Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Synonyms Ceiling Grid Suspension System, Main Beams, Main Runners, Cross Tees, Cross Runners, Molding/Trim

Chemical name	CAS No	Weight-%	**Hazardous Material Information Review Act registry number (HMIRA registry #)**	**Date HMIRA filed and date exemption granted (if applicable)**
Aluminum	7429-90-5	<=5	-	-
Zinc (metallic)	7440-66-6	3-8	-	-
Titanium dioxide	13463-67-7	0-1	-	-
Barium sulfate	7727-43-7	0-1	-	-
Petroleum naphtha, light aromatic	64742-95-6	0-<1	-	-
Naphtha (petroleum), heavy aromatic	64742-94-5	0-<1	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	0-<1	-	-
n-Butyl alcohol	71-36-3	0-<1	-	-
Naphthalene	91-20-3	0-<1	-	-
Isobutyl alcohol	78-83-1	0-<1	-	-
Ethylbenzene	100-41-4	0-<1	-	-
Carbon black	1333-86-4	0-<1	*	-

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.

Inhalation Remove to fresh air. IF INHALED: Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur. IF IN EYES: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

Skin contact IF ON SKIN: Wash with plenty of soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion Not an expected route of exposure.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media None known based on information supplied.

Specific hazards arising from the chemical Product is or contains a sensitizer. May cause sensitization by skin contact.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

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 Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other information Refer to protective measures listed in Sections 7 and 8.

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 Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. 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.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Aluminum 7429-90-5	TWA: 1 mg/m³ respirable particulate matter	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Titanium dioxide 13463-67-7	TWA: 10 mg/m³	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m³ TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale
Barium sulfate 7727-43-7	TWA: 5 mg/m³ inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 10 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
n-Butyl alcohol 71-36-3	TWA: 20 ppm	TWA: 100 ppm TWA: 300 mg/m³ (vacated) S* (vacated) Ceiling: 50 ppm (vacated) Ceiling: 150 mg/m³	IDLH: 1400 ppm Ceiling: 50 ppm Ceiling: 150 mg/m³
Naphthalene 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m³ (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m³ (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m³	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m³ STEL: 15 ppm STEL: 75 mg/m³
Isobutyl alcohol	TWA: 50 ppm	TWA: 100 ppm	IDLH: 1600 ppm

78-83-1		TWA: 300 mg/m³ (vacated) TWA: 50 ppm (vacated) TWA: 150 mg/m³	TWA: 50 ppm TWA: 150 mg/m³
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m³ STEL: 125 ppm STEL: 545 mg/m³
Carbon black 1333-86-4	TWA: 3 mg/m³ inhalable particulate matter	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

Chemical name	Alberta	British Columbia	Ontario	Quebec
Aluminum 7429-90-5	TWA: 10 mg/m³	TWA: 1.0 mg/m³	TWA: 1 mg/m³	TWA: 10 mg/m³
Titanium dioxide 13463-67-7	TWA: 10 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³
Barium sulfate 7727-43-7	TWA: 10 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³	TWA: 10 mg/m³ TWA: 5 mg/m³
n-Butyl alcohol 71-36-3	TWA: 20 ppm TWA: 60 mg/m³	TWA: 15 ppm Ceiling: 30 ppm	TWA: 20 ppm	Ceiling: 50 ppm Ceiling: 152 mg/m³ Skin
Naphthalene 91-20-3	TWA: 10 ppm TWA: 52 mg/m³ STEL: 15 ppm STEL: 79 mg/m³ Skin	TWA: 10 ppm Skin	TWA: 10 ppm Skin	TWA: 10 ppm TWA: 52 mg/m³ STEL: 15 ppm STEL: 79 mg/m³
Isobutyl alcohol 78-83-1	TWA: 50 ppm TWA: 152 mg/m³	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm TWA: 152 mg/m³
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 434 mg/m³ STEL: 125 ppm STEL: 543 mg/m³	TWA: 20 ppm	TWA: 20 ppm	TWA: 100 ppm TWA: 434 mg/m³ STEL: 125 ppm STEL: 543 mg/m³
Carbon black 1333-86-4	TWA: 3.5 mg/m³	TWA: 3 mg/m³	TWA: 3 mg/m³	TWA: 3.5 mg/m³

Chemical name	ACGIH
Naphthalene	(-end of shift 1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis)
Ethylbenzene	0.15 g/g creatinine (urine -end of shift Sum of mandelic acid and phenylglyoxylic acid)

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Silver gray metallic, Solid
Physical state	Solid
Color	Silver gray
Odor	None
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	No data available	None known
Melting point / freezing point	1530 °C / 2786 °F	
Boiling point / boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	7.86	
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	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 Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

10. Stability and reactivity

Reactivity None under normal use conditions.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information Exposure is not expected for product under normal conditions of use.

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives.

Acute toxicity

Numerical measures of toxicity
No information available

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide	> 10000 mg/kg (Rat)	-	-
Barium sulfate	= 307000 mg/kg (Rat)	-	-
Petroleum naphtha, light aromatic	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Naphtha (petroleum), heavy aromatic	> 5000 mg/kg (Rat)	> 2 mL/kg (Rabbit)	> 590 mg/m³ (Rat) 4 h
Bisphenol A - Epichlorohydrin polymer	= 11400 mg/kg (Rat)	-	-
n-Butyl alcohol	= 700 mg/kg (Rat)	= 3402 mg/kg (Rabbit)	> 8000 ppm (Rat) 4 h
Naphthalene	= 1110 mg/kg (Rat)	= 1120 mg/kg (Rabbit)	> 340 mg/m³ (Rat) 1 h
Isobutyl alcohol	= 2460 mg/kg (Rat)	= 3400 mg/kg (Rabbit)	> 6.5 mg/L (Rat) 4 h
Ethylbenzene	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
Carbon black	> 15400 mg/kg (Rat)	-	-

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

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization Classification based on data available for ingredients. May cause sensitization by skin contact.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on individual ingredients of the mixture. Suspected of causing cancer.

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	-	Group 2B	-	X
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	X
Ethylbenzene 100-41-4	A3	Group 2B	-	X
Carbon black 1333-86-4	A3	Group 2B	-	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
NTP (National Toxicology Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum naphtha, light aromatic 64742-95-6	-	LC50: =9.22mg/L (96h, Oncorhynchus mykiss)	-	EC50: =6.14mg/L (48h, Daphnia magna)
Naphtha (petroleum), heavy aromatic 64742-94-5	-	LC50: =45mg/L (96h, Pimephales promelas) LC50: =41mg/L (96h, Pimephales promelas) LC50: =2.34mg/L (96h, Oncorhynchus mykiss) LC50: =19mg/L (96h, Pimephales promelas) LC50: =1740mg/L (96h, Lepomis macrochirus)	-	EC50: =0.95mg/L (48h, Daphnia magna)
n-Butyl alcohol 71-36-3	EC50: >500mg/L (96h, Desmodesmus subspicatus) EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: 100000 - 500000µg/L (96h, Lepomis macrochirus) LC50: 1730 - 1910mg/L (96h, Pimephales promelas) LC50: =1910000µg/L (96h, Pimephales promelas) LC50: =1740mg/L (96h,	-	EC50: 1897 - 2072mg/L (48h, Daphnia magna) EC50: =1983mg/L (48h, Daphnia magna)

		Pimephales promelas)		
Naphthalene 91-20-3	-	LC50: =31.0265mg/L (96h, Lepomis macrochirus) LC50: 0.91 - 2.82mg/L (96h, Oncorhynchus mykiss) LC50: 5.74 - 6.44mg/L (96h, Pimephales promelas) LC50: =1.99mg/L (96h, Pimephales promelas) LC50: =1.6mg/L (96h, Oncorhynchus mykiss)	-	EC50: 1.09 - 3.4mg/L (48h, Daphnia magna) EC50: =1.96mg/L (48h, Daphnia magna) LC50: =2.16mg/L (48h, Daphnia magna)
Isobutyl alcohol 78-83-1	-	LC50: 1480 - 1730mg/L (96h, Lepomis macrochirus) LC50: 1370 - 1670mg/L (96h, Pimephales promelas) LC50: =375mg/L (96h, Pimephales promelas) LC50: 1120 - 1520mg/L (96h, Oncorhynchus mykiss)	-	EC50: 1070 - 1933mg/L (48h, Daphnia magna) EC50: =1300mg/L (48h, Daphnia magna)
Ethylbenzene 100-41-4	EC50: =4.6mg/L (72h, Pseudokirchneriella subcapitata) EC50: 1.7 - 7.6mg/L (96h, Pseudokirchneriella subcapitata) EC50: >438mg/L (96h, Pseudokirchneriella subcapitata) EC50: 2.6 - 11.3mg/L (72h, Pseudokirchneriella subcapitata)	LC50: 7.55 - 11mg/L (96h, Pimephales promelas) LC50: =32mg/L (96h, Lepomis macrochirus) LC50: 11.0 - 18.0mg/L (96h, Oncorhynchus mykiss) LC50: =4.2mg/L (96h, Oncorhynchus mykiss) LC50: =9.6mg/L (96h, Poecilia reticulata) LC50: 9.1 - 15.6mg/L (96h, Pimephales promelas)	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	EC50: 1.8 - 2.4mg/L (48h, Daphnia magna)

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Naphtha (petroleum), heavy aromatic 64742-94-5	2.9 - 6.1
n-Butyl alcohol 71-36-3	0.785
Naphthalene 91-20-3	3.6
Isobutyl alcohol 78-83-1	0.79
Ethylbenzene 100-41-4	3.2

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

RCRA (Resource Conservation and Recovery Act) waste information

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
n-Butyl alcohol 71-36-3	-	Included in waste stream: F039	-	U031
Naphthalene 91-20-3	U165	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145	-	U165
Isobutyl alcohol 78-83-1	U140	Included in waste streams: F005, F039	-	U140
Ethylbenzene 100-41-4	-	Included in waste stream: F039	-	-

Chemical name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Naphthalene 91-20-3	-	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	-

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste Status
Aluminum 7429-90-5	Ignitable powder
n-Butyl alcohol 71-36-3	Toxic
Naphthalene 91-20-3	Toxic
Ethylbenzene 100-41-4	Toxic Ignitable

14. Transport information

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

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 Contact supplier for inventory compliance status.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA active/inactive designation
Zinc (metallic)	7440-66-6		
Barium sulfate	7727-43-7	Present	Active
Titanium dioxide	13463-67-7	Present	Active
Polyester	-		
Naphtha (petroleum), heavy aromatic	64742-94-5	Present	Active
Petroleum naphtha, light aromatic	64742-95-6	Present	Active
Bisphenol A - Epichlorohydrin polymer	25068-38-6	Present	Active
Xylene	1330-20-7	Present	Active
2-Butoxyethanol	111-76-2	Present	Active
Diethylene glycol monobutyl ether	112-34-5	Present	Active
Rutile, antimony chromium buff	68186-90-3	Present	Active
1,2,4 Trimethylbenzene	95-63-6	Present	Active
Naphthalene	91-20-3	Present	Active
n-Butyl alcohol	71-36-3	Present	Active
Isobutyl alcohol	78-83-1	Present	Active
Methyl ethyl ketone	78-93-3	Present	Active
Iron oxide	1309-37-1	Present	Active
Acrylic polymer	-		
Proprietary inert	-		
Ethylbenzene	100-41-4	Present	Active
Carbon black	1333-86-4	Present	Active
C.I. Pigment Green 50	68186-85-6	Present	Active
Aluminum hydroxide	21645-51-2	Present	Active
C.I. Pigment Green 26	68187-49-5	Present	Active
Silicon dioxide	7631-86-9	Present	Active
Cumene	98-82-8	Present	Active
C.I. Pigment Yellow 53	8007-18-9	Present	Active
Epoxy resin	-		
Phosphorous trichloride, reaction products with 1,1`-biphenyl and 2,4-bis(1,1-dimethylethyl)phenol	119345-01-6	Present	Active
Octadecyl	2082-79-3	Present	Active

3-(3`,5`-di-tert-butyl-4`-hydroxyphenyl) propionate			
Toluene	108-88-3	Present	Active
Formaldehyde	50-00-0	Present	Active

*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

DSL/NDSL Contact supplier for inventory compliance status.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US 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 %
Aluminum - 7429-90-5	1.0
Barium sulfate - 7727-43-7	1.0
n-Butyl alcohol - 71-36-3	1.0
Naphthalene - 91-20-3	0.1
Ethylbenzene - 100-41-4	0.1

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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
Naphthalene 91-20-3	100 lb	X	X	X
Ethylbenzene 100-41-4	1000 lb	X	X	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	Reportable Quantity (RQ)
n-Butyl alcohol 71-36-3	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
Naphthalene 91-20-3	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
Isobutyl alcohol 78-83-1	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

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen
Naphthalene - 91-20-3	Carcinogen
Ethylbenzene - 100-41-4	Carcinogen
Carbon black - 1333-86-4	Carcinogen
C.I. Pigment Green 50 - 68186-85-6	Carcinogen
Cumene - 98-82-8	Carcinogen
C.I. Pigment Yellow 53 - 8007-18-9	Carcinogen
Toluene - 108-88-3	Developmental
Formaldehyde - 50-00-0	Carcinogen

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Aluminum 7429-90-5	X	X	X
Titanium dioxide 13463-67-7	X	X	X
Barium sulfate 7727-43-7	X	X	X
n-Butyl alcohol 71-36-3	X	X	X
Naphthalene 91-20-3	X	X	X
Isobutyl alcohol 78-83-1	X	X	X
Ethylbenzene 100-41-4	X	X	X
Carbon black 1333-86-4	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA **Health hazards** 2 **Flammability** 0 **Instability** 0 **Physical and chemical properties** -

HMIS **Health hazards** 2 * **Flammability** 0 **Physical hazards** 0 **Personal protection** X

Chronic Hazard Star Legend ** = Chronic Health Hazard*

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

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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 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
World Health Organization

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End of Safety Data Sheet