



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US - OSHA Hazard Communication Standard (29 CFR 1910.1200)

Issuing Date 27-Apr-2022

Revision Date 27-Apr-2022

Revision Number 1

1. Identification

Product identifier

Product Name AECH Liquid Thin Film

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Coatings

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Address

AEGIS Technical Coatings
1180 NE 146th ST Unit A
Vancouver, WA 98685
503-969-4140

E-mail info@aegistechcoatings.com

Emergency telephone number

Emergency telephone

2. Hazard(s) identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

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

Hazards not otherwise classified (HNOC)

Not applicable.

Label elements

Warning

Hazard statements

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.

Suspected of causing cancer.
 May cause drowsiness or dizziness.



Precautionary Statements - Prevention

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves/clothing and eye/face protection.
 Wash face, hands and any exposed skin thoroughly after handling.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Contaminated work clothing must not be allowed out of the workplace.
 Use only outdoors or in a well-ventilated area.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Keep container closed.
 Ground and bond container and receiving equipment.
 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
 Use only non-sparking tools.
 Take action to prevent static discharges.
 Keep cool.

Precautionary Statements - Response

IF exposed or concerned: 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.
 If eye irritation persists: Get medical advice/attention.
 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.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 In case of fire: Use CO2, dry chemical, or alcohol-resistant foam to extinguish.

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other information

May be harmful if swallowed. May be harmful in contact with skin.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%	Trade secret
Parachlorobenzotrifluoride	98-56-6	60 - 70	*
High Performance Ceramic #1	Trade Secret	0 - 20.25	*
Ceramic Based Pigment #1	Trade Secret	0 - 20.25	*

Ambient Curable Refractory Resin	-	10 - 20	*
Ceramic Based Pigment #2	Trade Secret	0 - 6	*
Ceramic Based Pigment #3	Trade Secret	0 - 4.75	*
High Performance Ceramic #2	Trade Secret	0 - 3.25	*
Ceramic Based Additive	Trade Secret	0 - 3.25	*
Cross-linking Agent	Trade Secret	1 - 5	*
Carbon Black	1333-86-4	0-5	*
High Performance Ceramic #3	Trade Secret	0-5	*
High Performance Ceramic #4	Trade Secret	0-5	*
High Performance Ceramic #5	Trade Secret	0-5	*
Chromium (III) Oxide	1308-38-9	0-5	*

*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.
- Inhalation** Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms 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. 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. In the case of skin irritation or allergic reactions see a physician.
- Ingestion** Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.
- 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 contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

- Symptoms** Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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** Dry chemical. Carbon dioxide (CO2). Alcohol resistant foam.
- Unsuitable extinguishing media** High volume water jet.
- 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. May emit toxic fumes under

fire conditions.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Silicon oxides. Fluorine compounds. Chlorine compounds.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

Special protective equipment and precautions 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.

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.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Parachlorobenzotrifluoride 98-56-6	TWA: 2.5 mg/m ³ F	TWA: 2.5 mg/m ³ F (vacated) TWA: 2.5 mg/m ³	IDLH: 250 mg/m ³ F
High Performance Ceramic #1	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust	IDLH: 5000 mg/m ³ TWA: 2.4 mg/m ³ CIB 63 fine TWA: 0.3 mg/m ³ CIB 63 ultrafine, including engineered nanoscale
Ceramic Based Pigment #1	TWA: 1 mg/m ³ Cu dust and mist	TWA: 0.5 mg/m ³ Cr (vacated) TWA: 0.5 mg/m ³ Cr	IDLH: 100 mg/m ³ Cu dust and mist IDLH: 25 mg/m ³ Cr(III) TWA: 1 mg/m ³ Cu dust and mist TWA: 0.5 mg/m ³ Cr
Ceramic Based Pigment #2	TWA: 0.5 mg/m ³ Sb	TWA: 0.5 mg/m ³ Sb TWA: 0.5 mg/m ³ Cr (vacated) TWA: 0.5 mg/m ³ Sb (vacated) TWA: 0.5 mg/m ³ Cr	IDLH: 50 mg/m ³ Sb IDLH: 25 mg/m ³ Cr(III) TWA: 0.5 mg/m ³ Sb TWA: 0.5 mg/m ³ Cr
Ceramic Based Pigment #3	TWA: 0.5 mg/m ³ Sb TWA: 0.02 mg/m ³ Mn respirable particulate matter TWA: 0.1 mg/m ³ Mn inhalable particulate matter	TWA: 0.5 mg/m ³ Sb (vacated) TWA: 0.5 mg/m ³ Sb (vacated) Ceiling: 5 mg/m ³ Ceiling: 5 mg/m ³ Mn	IDLH: 50 mg/m ³ Sb IDLH: 500 mg/m ³ Mn TWA: 0.5 mg/m ³ Sb TWA: 1 mg/m ³ Mn STEL: 3 mg/m ³ Mn
High Performance Ceramic #2	-	-	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Ceramic Based Additive	-	TWA: 20 mppcf : (80)/(%) SiO ₂ mg/m ³ TWA (vacated) TWA: 6 mg/m ³ : (80)/(%) SiO ₂ mg/m ³ TWA	-
Cross-linking Agent	TWA: 10 ppm inhalable fraction and vapor	-	-
Carbon Black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
High Performance Ceramic #3	TWA: 1 mg/m ³ respirable particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	-
High Performance Ceramic #4	TWA: 10 mg/m ³ nonfibrous, inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica TWA: 3 mg/m ³ nonfibrous, respirable particulate matter,	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust

	particulate matter containing no asbestos and <1% crystalline silica TWA: 0.1 fiber/cm ³ respirable fibers, including whiskers, length >5 μm, aspect ratio ≥3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination.		
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Biological occupational exposure limits

Chemical name	ACGIH
Parachlorobenzotrifluoride 98-56-6	2 mg/L - urine (Fluoride) - prior to shift 3 mg/L - urine (Fluoride) - end of shift

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 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. Contaminated work clothing must 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

Appearance

Physical state Liquid

Color Varies

Odor Ammonia

Odor threshold No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not determined
Melting point / freezing point		Not determined
Initial boiling point and boiling range	> 133.8 °C / > 272.8 °F	
Flash point	39 °C / 102.2 °F	
Evaporation rate		Not determined
Flammability		No data available

Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Vapor pressure	0.018 Pa @ 25°C	
Vapor density		Not determined
Relative density		No data available
Water solubility		Not determined
Solubility(ies)		No data available
Partition coefficient		No data available
Autoignition temperature	600 °C / 1112 °F	
Decomposition temperature		No data available
Kinematic viscosity		Not determined
Dynamic viscosity		Not determined
Other information		
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	
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	Heat, flames and sparks. Incompatible materials. Moisture.
Incompatible materials	Strong acids. Oxidizers. Alkalis.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO ₂). Silicon oxides.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause drowsiness or dizziness.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Causes skin irritation. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May be harmful in contact with skin.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Parachlorobenzotrifluoride 98-56-6	= 13 g/kg (Rat)	> 3300 mg/kg (Rabbit)	= 33 mg/L (Rat) 4 h
High Performance Ceramic #1	> 10000 mg/kg (Rat)	-	= 5.09 mg/L (Rat) 4 h
Ceramic Based Pigment #1	-	-	> 5.07 mg/L (Rat) 4 h
Ambient Curable Refractory Resin	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Ceramic Based Pigment #2	> 10000 mg/kg (Rat)	-	-
High Performance Ceramic #2	= 7900 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 58.8 mg/L (Rat) 4 h
Cross-linking Agent	= 5660 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	-
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	-	> 4.6 mg/m ³ (Rat) 4 h
High Performance Ceramic #3	> 5000 mg/kg (Rat)	-	-
High Performance Ceramic #4	-	-	> 5.07 mg/L (Rat) 4 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. Causes skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Parachlorobenzotrifluoride 98-56-6	-	Group 2B	-	X
High Performance Ceramic #1	-	Group 2B	-	X
Ceramic Based Pigment #1	-	Group 3	-	-
Ceramic Based Pigment #2	-	Group 3	-	-
High Performance Ceramic #2	-	Group 3	-	-

Ceramic Based Additive	-	Group 3	-	-
Carbon Black 1333-86-4	A3	Group 2B	-	X
High Performance Ceramic #5	A2	Group 2A	-	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

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

X - Present

Reproductive toxicity	No information available.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	No information available.
Target organ effects	Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system. Blood. Central Vascular System (CVS). Lungs. Lymphatic System.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Parachlorobenzotrifluoride 98-56-6	-	LC50: =3mg/L (96h, Danio rerio)	-	EC50: =3.68mg/L (48h, Daphnia magna)
Ceramic Based Pigment #3	-	LC50: >1mg/L (96h, Oryzias latipes)	-	-
High Performance Ceramic #2	EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =5000mg/L (96h, Brachydanio rerio)	-	EC50: =7600mg/L (48h, Ceriodaphnia dubia)
Cross-linking Agent	EC50: >100mg/L (96h, Desmodesmus subspicatus)	LC50: =1300mg/L (96h, Lepomis macrochirus)	LC50:1170 mg/l (16 h, Bacteria - Pseudomonas putida)	EC50: >100mg/L (48h, Daphnia magna)
High Performance Ceramic #4	-	LC50: >100mg/L (96h, Danio rerio)	-	-

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
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Parachlorobenzotrifluoride 98-56-6	3.7
Cross-linking Agent	1

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.

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

14. Transport information

Note: Not classified as supporting combustion according to the transport regulations.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. Regulatory information

International Inventories

Contact supplier for inventory compliance status

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 %
Ceramic Based Pigment #1	1.0
Ceramic Based Pigment #2	1.0
Ceramic Based Pigment #3	1.0
Cross-linking Agent	1.0
High Performance Ceramic #3	1.0

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
Ceramic Based Pigment #1	-	X	-	-
Ceramic Based Pigment #2	-	X	-	-
Ceramic Based Pigment #3	-	X	-	-

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Parachlorobenzotrifluoride - 98-56-6	Carcinogen
High Performance Ceramic #1	Carcinogen
Carbon black - 1333-86-4	Carcinogen
Epichlorohydrin - 106-89-8	Carcinogen Male Reproductive

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Parachlorobenzotrifluoride 98-56-6	X	-	-
Ceramic Based Pigment #1	X	-	X
High Performance Ceramic #1	X	X	X
Ceramic Based Pigment #2	X	-	X
Ceramic Based Pigment #3	X	-	X
Ceramic Based Additive	X	X	X
High Performance Ceramic #2	-	X	X
Cross-linking Agent	X	-	X
Carbon black 1333-86-4	X	X	X
High Performance Ceramic #3	X	X	X
High Performance Ceramic #5	X	X	X
Epichlorohydrin	X	X	X

106-89-8			
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U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 2	Flammability 2	Instability 0	Special hazards -
HMIS	Health hazards 2 *	Flammability 2	Physical hazards 0	Personal protection X
<i>Chronic Hazard Star Legend</i>	<i>* = Chronic Health Hazard</i>			

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

- 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
- World Health Organization

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet