

# TSC Sealing Compound

## SAFETY DATA SHEET

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

**Product Name:** TSC Sealing Compound, Epoxy Putty, Crouse-Hinds Epoxy Stick

**Product Description:** Sealing compound, epoxy stick

**CAS and EC Numbers:** Mixture, see section 3

**REACH Registration:** None of the components are listed.

**Other means of Identification:** Not applicable

**Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

**Relevant Identified Uses:** Epoxy putty that, when applied and cured, provides an effective seal for cable fitting and electrical connectors

**Uses Advised Against:** Non-industrial applications

**Supplier Details:** Eaton's Crouse-Hinds Division  
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(703) 741-5500 (international)

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume.

P270 Do not eat, drink or smoke when using this product.

**Response:**

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment: Cleanse skin with soap and water.

P333+P317 If skin irritation or rash occurs: Get medical help.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317 If eye irritation persists: Get medical help.

P362+P364 Take off contaminated clothing and wash before reuse.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P318 If exposed or concerned: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

**Storage:**

P405 Store locked up.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

**Disposal:**

P501 Dispose of contents/container to an approved landfill (in accordance with local/regional/national/international regulations).

**Hazards Not Otherwise Specified:** Not known

### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the Mixture:** This product is a hazardous product as defined by the US Hazard Communication Standard (29 CFR 1910.1200), Canada Hazard Product Regulations (SOR/2015-17), and EC 1272/2008. Hazards identified are based on hazards of the ingredients. This product has not been fully tested.

**Classification of the mixture:**

Skin irritation	Category 2
Eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Specific Target Organ Toxicity	Category 3 (Single Exposure) (Respiratory tract irritation)

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 30.7% (oral), 85% (dermal), 91.1% (inhalation)

#### GHS Label Elements

#### Hazard Pictograms



**Signal Word:** DANGER

#### Hazard Statements:

H315 Causes skin irritation

H319 Causes serious eye irritation

H317 May cause an allergic skin reaction

H350 May cause cancer

H336 May cause respiratory irritation

#### GHS Precautionary Statements:

##### Prevention:

P264+265 Wash hands thoroughly after handling. Do not touch eyes.

P280 Wear protective gloves, eye protection, face protection.

P261 Avoid breathing dust or fumes.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P203 Obtain, read and follow all safety instructions before use.

### SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS #	EC #	%
Talc (not containing asbestiform fibers)	14807-96-6	238-877-9	≥50 - ≤75
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	72244-98-5	615-735-8	≥10 - ≤20
Phenol, polymer with formaldehyde, glycidyl ether (MW≤700) glass, oxide, chemicals	28064-14-4	608-164-0	≥10 - ≤20
bis-[4-(2,3-epoxipropoxy)phenyl] propane	1675-54-3	216-823-5	≥1.0 - ≤5.0
2,4,6-tris (dimethylamino)methyl phenol	90-72-2	202-013-9	≥1.0 - <3.0
Crystalline silica, respirable powder (<10 microns)	14808-60-7	238-878-4	<1.0
Titanium dioxide	13463-67-7	643-044-1	≤1.0

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## SECTION 4 FIRST AID MEASURES

If ingestion, irritation, any type of overexposure, or symptoms of overexposure occur during, or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

**Eye Contact:** Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**Skin Contact:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

**Inhalation:** Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

**Ingestion:** If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

**Self-Protection of the First Aider:** Wear personal protective equipment identified in Section 8.

**Notes to Physician:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under surveillance for 48 hours.

**Most Important Symptoms/Effects:** Causes eye and skin irritation. May cause cancer.

**Indication of Immediate Medical Attention and Special Treatment Needed:** Skin or eye irritation.

## SECTION 5 FIRE FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Refer to SDSs for substances supporting surrounding fire to identify suitable and unsuitable extinguishing media.

**Specific Hazards Arising from the Chemical:** Not flammable. Thermal decomposition may produce carbon oxides, nitrogen oxides, sulfur oxides, halogenated compounds, and metal oxide/oxides.

**Special Protective Equipment for Firefighters:** Firefighters should wear a NIOSH-approved, full-face piece self-contained breathing apparatus (SCBA) operated in positive pressure mode with additional chemical protective clothing as necessary to protect against thermal decomposition products.

**Unusual Fire or Explosion Hazards:** Water may be used to keep fire-exposed containers cool and knock down vapors. Mists and sprays may be flammable at temperatures below normal flash point. No unusual fire hazards. If there is a fire, promptly isolate the scene by removing all persons from the vicinity of the incident. No action shall be taken involving any personal risk or without suitable training.

**Special Fire Fighting Procedures:** No unusual fire hazards.

## Section 6 Accidental Release Measures

**For Non-emergency Personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For Emergency Responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel."

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

### Methods and Materials for Containment and Cleaning Up:

**Small Spill:** Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Large Spill:** Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

## SECTION 7 HANDLING AND STORAGE

### Precautions for Safe Handling:

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not work in or near any process in which this product is used. Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not ingest. If during normal use, the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternate made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.

**Conditions for Safe Storage Including any Incompatibilities:** Do not store above 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area. Store away from food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Advice on General Occupational Hygiene:** Eating, drinking, and smoking is prohibited in areas where this material is handled, stored, and processed. Employees must wash hands and face before eating, drinking, or smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.

## SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control Parameters

Component	Exposure Limit 8-hr TWA (mg/m <sup>3</sup> ) unless otherwise noted	Authority*
Talc (not containing asbestiform fibres)	2 (Respirable)	NIOSH, OSHA Austria Belgium Canada (Ontario) New Zealand Singapore South Korea Sweden Switzerland
	20 mppcf	OSHA
	3 1 F/cm <sup>3</sup> (Fibrous)	Canada (Quebec)
	0.3 (respirable)	Denmark
	0.5 (respirable dust, particles) 2 (total dust, particles)	Japan
Poly[oxy(methyl-1,2-ethanediyl)], $\alpha$ -hydro- $\omega$ -hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	None	None
Phenol, polymer with formaldehyde, glycidyl ether (MW $\leq$ 700) glass, oxide, chemicals (continuous glass fibers)	2 (inhalable)	Australia
	1 (respirable fiber/m <sup>3</sup> )	Canada (Ontario) Japan
	5 (respirable fibers/cm <sup>3</sup> )	Finland
	15	OSHA
	5 (respirable)	
	1 f/cc form: Respirable fibers: length greater than 5 $\mu$ m; aspect ratio > 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast illumination	ACGIH
	5 (inhalable)	
	3 (respirable)	
	10 (total dust)	
bis-[4-(2,3-epoxipropoxyl)phenyl]propane	None	None
2,4,6-tris (dimethylamino)methyl phenol	None	None
Crystalline silica, respirable powder (<10 microns)	10 (%SiO <sub>2</sub> +2) 8 hours. (respirable) 30 (total dust)	OSHA, Table Z3
	250 mppcf / (%SiO <sub>2</sub> +5) 8 hours (respirable)	OSHA Table Z3
	50 $\mu$ g/m (respirable dust)	OSHA PEL
	1 (respirable dusts containing < 3% crystalline silica)	Japan
	4 (total dust < 3% crystalline silica with a flow speed of 50 to 80 cm/sec at the entry of a particle sampler)	
	0.05 (respirable)	NIOSH Australia Austria South Korea Spain
	0.1 (respirable dust)	United Kingdom Belgium Canada (Ontario, Quebec) France Ireland Poland Singapore Sweden
Titanium dioxide	15 (total dust)	OSHA PEL
	10	ACGIH Australia Belgium Canada (Ontario, Quebec) Latvia New Zealand Poland Romania Singapore South Korea Spain United Kingdom
	5	Sweden Norway
	10 (inhalable) 4 (respirable)	Ireland
	11 (inhalable)	France
	6 (total dust)	Denmark

\* Consult local authorities for acceptable exposure limits.

**Recommended Monitoring Procedures:** Workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to the national authority's monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate Engineering Controls:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below recommended and statutory limits.

**Individual Protection Measures**

**Eye Protection:** Safety eyewear complying with an approved standard must be used when a risk assessment indicates this is necessary to avoid exposure to particles, debris or dusts.

**Respiratory Protection:** If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Used a properly fitted particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Approved standards for particulates include FFP2 (Europe), N95 (USA, Canada). Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the respirator.

**Skin Protection:** Chemical-resistant, impervious butyl rubber gloves complying with an approved standard should be worn at all times when handling this or any chemical product, if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures containing several substances, the protection time of the gloves cannot be accurately estimated.

**Other Skin Protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

- Color:** Blue-yellow
- Physical form:** Solid
- Odor:** Pungent
- Odor Characteristics:** Not known
- Odor Threshold:** Not known
- pH (undiluted):** Not known
- Flash Point:** Not applicable. Product does not sustain combustion.
- Boiling Point:** Not known
- Evaporation Rate:** Not known
- Melting Point:** Not known
- Lower Explosive Limit:** Not known
- Upper Explosive Limit:** Not known
- Vapour Pressure:** Not known
- Vapour Density:** Not known
- Relative Density:** 1.89
- Density (lb/gal):** 16.77
- Solubility:** Insoluble in cold water
- Partition coefficient:** n-octanol/water: Not known
- Auto-ignition Temperature:** Not known
- Decomposition Temperature:** Not known
- Volatility (v/v and w/w):** 0%
- % Solid:** 100

**SECTION 10 STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal use and storage conditions.

**Possibility of Hazardous Reactions:** Under normal use and storage conditions, hazardous reactions will not occur.

**Conditions to Avoid:** When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in Sections 7 and 8.

**Hazardous Decomposition Products:** Depending on conditions decomposition products may include carbon oxides, nitrogen oxides, sulfur oxides, and metal oxide/oxides.

**Incompatible Materials:** Not known.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects**

**Acute Toxicity:** Information available on component ingredients. No data on the mixture.

Ingredient	Result	Species	Dose	Exposure
bis-[4-(2,3-epoxipropoxy)phenyl]propane	LD50 Dermal LD50 Oral	Rabbit Rat	23000 mg/kg 15000 mg/kg	
2,4,6-tris (dimethylaminomethyl)phenol	LD50 Dermal	Rabbit	1.28 g/kg	
titanium dioxide	LD50 Dermal LD50 Oral LC50 Inhalation dusts, mists LC50 Dermal LD50 Oral	Rat Rat Rat Rabbit	1280 mg/kg 1200 mg/kg >6.82 mg/l >5000 mg/kg >5000 mg/kg	4 hours

**Irritation/Corrosion:** Information available on component ingredients. No

Ingredient	Result	Species	Score	Exposure	Observation
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Eyes: redness of the conjunctivae	Rabbit	0.4	24 hours	-
	Eyes: mild irritant	Rabbit	-	24 hours	-
	Skin: Erythema/Eschar	Rabbit	0.8	4 hours	-
	Skin: Edema	Rabbit	0.5	-	-
	Skin: Mild irritant	Rabbit	-	4 hours	-
2,4,6-tris (dimethylaminomethyl) phenol	Skin: Visible necrosis	Rabbit	-	4 hours	7 days

data on the mixture.

**Sensitization:** Information available on component ingredients. No data on the mixture.

Ingredient	Route of Exposure	Species	Result
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Skin	Mouse	Sensitizing
2,4,6-tris (dimethylaminomethyl) pheno	Skin	Guinea Pig	Sensitizing

**Mutagenicity:** No Data Available

**Reproductive Toxicity:** No Data Available

**Teratogenicity:** No Data Available

**Aspiration Hazard:** No Data Available

## Carcinogenicity:

Ingredient	OSHA	IARC Group	NTP
Glass, oxide, chemicals	-	3	-
bis-[4-(2,3-epoxipropoxy) phenyl]propane	-	3	-
Crystalline silica, respirable powder (<10 microns)	-	1	Known to be a human carcinogen
Titanium dioxide	-	2B	-

### IARC Classifications

Group 1: Carcinogenic to humans

Group 2A: Probably carcinogenic to humans

Group 2B: Possibly carcinogenic to humans

Group 3: Not classifiable as to its carcinogenicity to humans

### Specific Target Organ Toxicity: (single exposure).

Ingredient	Category	Route of Exposure	Target Organ
Talc, not containing asbestiform fibers	3	Inhalation	Respiratory tract irritation

### Specific Target Organ Toxicity: (repeated exposure).

Ingredient	Category	Route of Exposure	Target Organ
Crystalline silica, respirable powder (<10 microns)	2	Inhalation	Respiratory irritation

Target Organs: May cause damage to the following organs: Lungs, cardiovascular system, upper respiratory tract, skin, eyes

### Information on the Likely Routes of Exposure

#### Potential acute health effects

Eye contact: Causes serious eye irritation  
Inhalation: May cause respiratory irritation  
Skin contact: Causes skin irritation. May cause an allergic skin reaction.  
Ingestion: No known significant effects or critical hazards

#### Overexposure Signs/Symptoms

Eye contact: Pain, irritation, watering, redness  
Inhalation: Respiratory tract irritation, coughing  
Skin contact: Irritation  
Ingestion: Not known

#### Delayed and immediate effects from short and long term exposure

There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### Short-Term Exposure

Potential immediate effects: No data on the mixture itself.

Potential delayed effects: No data on the mixture itself.

#### Long-Term Exposure

Potential immediate effects: No data on the mixture itself.

Potential delayed effects: No data on the mixture itself.

#### Potential Chronic Health Effects

General: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: May cause cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity: No known significant effects or critical hazards.

Reproductive toxicity: No known significant effects or critical hazards.

#### Numerical Measures of Toxicity

##### Acute Toxicity Estimates

Ingredient	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gas; ppm)	Inhalation (vapor, dust, mist; mg/l)
Product mixture	72695.7	16760.4	N/A	N/A
bis-[4-(2,3-epoxipropoxy) phenyl]propane	LD50 Dermal LD50 Oral	23000	N/A	N/A
2,4,6-tris (dimethylaminomethyl)phenol	LD50 Dermal	1280	N/A	N/A

## SECTION 12 ECOLOGICAL INFORMATION

### Numerical Measures of Toxicity

Persistence and degradability: bis-[4-(2,3-epoxipropoxy) phenyl]propane is

Ingredient	Result	Species	Exposure
bis-[4-(2,3-epoxipropoxy) phenyl]propane	Acute LC50 1.8 mg/l Fresh water	Daphnia magna	48 hours
	Chronic NOEC 0.3 mg/l	Daphnia	21 days
	Acute LC50 175 mg/l	Fish	96 hours
2,4,6-tris (dimethylaminomethyl)phenol	Acute LC50 >100 mg/l Fresh water	Daphnia magna	48 hours

not readily biodegradable. Unknown for other ingredients.

Ecotoxicological Information: Not available

Chemical Fate Information: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Soil/water partition coefficient: Not available

## SECTION 13 DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of to the sewer unless fully compliant with the requirements of all authorities with the jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures



## SECTION 14 TRANSPORTATION INFORMATION

**Proper Shipping Name:** Not classified as hazardous by U.S. Department of Transportation, Transport Canada, IATA/ICAO, ADR and IMO.

**Hazard Class:** None

**Packing Group:** None

**UN Number:** None

## SECTION 15 REGULATORY INFORMATION

**United States TSCA Inventory:** All components are active or exempted.

**SARA 302/311/312:** Use classifications shown on Section 2 of this SDS for Tier II and SDS reporting.

**SARA 302 and CERCLA RQ:** Not listed

**California proposition 65**

**⚠️WARNING:** This product can expose you to chemicals including silica and titanium dioxide, which are known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). The specific listings are:

Silica, crystalline, airborne particles of respirable size: Cancer

Titanium dioxide, airborne unbound particles of respirable size: Cancer

## SECTION 16 OTHER INFORMATION

**Revision Number:** Revision 11

**Revision Date:** 03 May 2022

### Abbreviations

ADR	Agreement Concerning the International Carriage of Dangerous Goods
CAS	Chemical Abstracts Service (registry number)
EC	European Community (number)
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
IATA	International Air Transportation Association
ICAO	Internal Civil Aviation Organization
LC50	Lethal concentration to 50% of exposed laboratory animals
LD50	Lethal dose to 50% of exposed laboratory animals
N/A	Not available
NIOSH	US National Institute of Occupational Safety and Health
NOEC	No observed effect concentration
NTP	US National Toxicology Program
OSHA	US Occupational Safety and Health Administration
PEL	Permissible exposure limit
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals (EC 1907/2006)
STEL	Short term exposure limit
TWA	Time weighted average
UN	United Nations

### DISCLAIMER

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