

TIREPASTE Mounting Compound

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).
Date of Issue: 04/07/2021 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: TIREPASTE Mounting Compound

Product Code: 14-699; 14-700; 14-701; 14-705; 14-706

1.2. Intended Use of the Product

Lubricant / Sealer

1.3. Name, Address, and Telephone of the Responsible Party

Company

31 Incorporated

100 Enterprise Dr.

Newcomerstown, OH 43832

Phone: (740) 498-8324

info@31inc.com

1.4. Emergency Telephone Number

Emergency Number : ChemTel LLC
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

STOT RE 2 H373

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA)

: Warning

Hazard Statements (GHS-US/CA)

: H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

Precautionary Statements (GHS-US/CA)

: P260 - Do not breathe dust, fume, vapors.
P314 - Get medical advice/attention if you feel unwell.
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Water	AQUA	(CAS-No.) 7732-18-5	75.1	Not classified
Ethylene glycol	1,2-Dihydroxyethane / Ethane-1,2-diol / 1,2-Ethanediol / Ethanediol / Glycol / Monoethylene glycol	(CAS-No.) 107-21-1	10	Acute Tox. 4 (Oral), H302 STOT RE 2, H373

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Sodium stearate	Octadecanoic acid, sodium salt / Stearate, sodium / Stearic acid, sodium salt / Octadecanoic acid, sodium salt (1:1) / Sodium octadecanoate / Salt of stearic acid with sodium base	(CAS-No.) 822-16-2	7	Comb. Dust
Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxooctadecyl)-.omega.-hydroxy-	Polyethylene glycol stearate / Glycols, polyethylene, monostearate / Polyoxyethylene 40 monostearate / Polyoxyethylene monostearate / Polyoxyethylene stearate / .alpha.-Stearoyl-.omega.-hydroxypoly(oxyethylene) / Polyoxyethylene (40) stearate / Polyethylene glycol (400) monostearate / Polyoxyethylene 40 stearate / PEG-10 STEARATE / Polyoxyethylene (8) stearate / PEG stearate / Stearox 6 / Hexaoxyethylene ester of stearic acid / Polyoxy 40 stearate / Polyethylene glycol monostearate / Stearox-6 / .alpha.-(1-Oxooctadecyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) / PEG-100 STEARATE / PEG-12 STEARATE / PEG-120 STEARATE / PEG-14 STEARATE / PEG-15 STEARATE / PEG-150 STEARATE / PEG-18 STEARATE / PEG-20 STEARATE / PEG-23 STEARATE / PEG-25 STEARATE / PEG-30 STEARATE / PEG-32 STEARATE / PEG-35 STEARATE / PEG-36 STEARATE / PEG-40 STEARATE / PEG-45 STEARATE / PEG-5 STEARATE / PEG-50 STEARATE / PEG-55 STEARATE / PEG-7 STEARATE / PEG-75 STEARATE / PEG-80 STEARATE / PEG-90 STEARATE / .alpha.-Hydro-.omega.-(stearoyloxy)poly(oxyethylene)	(CAS-No.) 9004-99-3	4	Comb. Dust
Polyethylene glycol	.alpha.-Hydro-.omega.-hydroxypoly(oxyethylene) / .alpha.-Hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) / 1,2-Ethandiol, homopolymer / Ethyleneglycol homopolymer / Ethoxylated 1,2-ethandiol / Ethylene oxide polymer / Macrogol / Macrogols / PEG / PEG-1M / PEG-2M / PEG-5M / PEG-7M / PEG-9 / PEG-9M / PEG-10 / PEG-14 / PEG-14M / PEG-16 / PEG-18 / PEG-20 / PEG-20M / PEG-23M / PEG-25M / PEG-32 / PEG-33 / PEG-40 / PEG-45 / PEG-45M / PEG-55 / PEG-60 / PEG-65M / PEG-75 / PEG-80 / PEG-90 / PEG-90M / PEG-100 / PEG-115M / PEG-135 / PEG-150 / PEG-160M / PEG-180 / PEG-180M / PEG-200 / PEG-220 / PEG-240 / PEG-350 / PEG-400 / PEG-450 / PEG-500 / PEG-800 / Polyethylene glycol 35 / Polyethylene glycol 115 / Polyethylene glycol 400 / Polyethylene glycol 1600 / Polyethylene glycol 6000 / Polyethylene glycol 8000 / Polyethylene glycol esters / Polyethylene glycol ether / Polyethylene glycols / Polyethylene oxide / Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-	(CAS-No.) 25322-68-3	2	STOT SE 3, H335
Triethanolamine	Tris(hydroxyethyl)amine / Trolamine / Tri(2-hydroxyethyl)amine / Tris(2-hydroxyethyl)amine / TEA / 2,2',2''-Nitrilotriethanol / Ethanol, 2,2',2''-nitrilotris- / Ethanol, 2,2',2''-nitrilotri-	(CAS-No.) 102-71-6	1.5	Not classified
Borax (B4Na2O7.10H2O)	Borax / Borax (Na2(B4O7).10H2O) / Sodium tetraborate decahydrate / Disodium tetraborate decahydrate / Sodium borate decahydrate / Sodium borate / Borax decahydrate / Disodium tetraborate, anhydrous	(CAS-No.) 1303-96-4	0.4	Eye Irrit. 2A, H319 Repr. 1B, H360

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May cause damage to organs (kidney) through prolonged or repeated exposure (oral).

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive. Contains substances that are combustible dusts. If dried and allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion. Take appropriate precautions.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Nitrogen oxides. Oxides of boron.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapors, dust, fumes).

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust, fume, vapors. Avoid contact with skin, eyes and clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids. Strong oxidizing agents.

7.3. Specific End Use(s)

Lubricant / Sealer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Ethylene glycol (107-21-1)		
USA ACGIH	ACGIH OEL TWA [ppm]	25 ppm (vapor fraction)
USA ACGIH	ACGIH OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
USA ACGIH	ACGIH OEL STEL [ppm]	50 ppm (vapor fraction)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
Alberta	OEL C	100 mg/m ³
British Columbia	OEL C	100 mg/m ³ (aerosol)
British Columbia	OEL Ceiling [ppm]	50 ppm (vapour)
British Columbia	OEL STEL	20 mg/m ³ (particulate)
British Columbia	OEL TWA	10 mg/m ³ (particulate)
Manitoba	OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
Manitoba	OEL STEL [ppm]	50 ppm (vapor fraction)
Manitoba	OEL TWA [ppm]	25 ppm (vapor fraction)
New Brunswick	OEL C	100 mg/m ³ (aerosol)
Newfoundland & Labrador	OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
Newfoundland & Labrador	OEL STEL [ppm]	50 ppm (vapor fraction)
Newfoundland & Labrador	OEL TWA [ppm]	25 ppm (vapor fraction)
Nova Scotia	OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
Nova Scotia	OEL STEL [ppm]	50 ppm (vapor fraction)
Nova Scotia	OEL TWA [ppm]	25 ppm (vapor fraction)
Nunavut	OEL C	100 mg/m ³ (aerosol)
Northwest Territories	OEL C	100 mg/m ³ (aerosol)
Ontario	OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
Ontario	OEL STEL [ppm]	50 ppm (vapor fraction)
Ontario	OEL TWA [ppm]	25 ppm (vapor fraction)
Prince Edward Island	OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
Prince Edward Island	OEL STEL [ppm]	50 ppm (vapor fraction)
Prince Edward Island	OEL TWA [ppm]	25 ppm (vapor fraction)
Québec	Plafond (OEL Ceiling)	127 mg/m ³ (mist and vapour)
Québec	Plafond (OEL Ceiling) [ppm]	50 ppm (mist and vapour)
Saskatchewan	OEL C	100 mg/m ³ (aerosol)
Yukon	OEL STEL	20 mg/m ³ (particulate) 325 mg/m ³ (vapour)
Yukon	OEL STEL [ppm]	10 ppm (particulate) 125 ppm (vapour)
Yukon	OEL TWA	10 mg/m ³ (particulate) 250 mg/m ³ (vapour)
Yukon	OEL TWA [ppm]	100 ppm (vapour)
Sodium stearate (822-16-2)		
USA ACGIH	ACGIH OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates))
British Columbia	OEL TWA	10 mg/m ³ (Stearates)

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Manitoba	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates))
Newfoundland & Labrador	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates))
Nova Scotia	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates))
Ontario	OEL TWA	10 mg/m ³ (except stearates of toxic metals-inhalable particulate matter) 3 mg/m ³ (except stearates of toxic metals-respirable particulate matter)
Prince Edward Island	OEL TWA	10 mg/m ³ (inhalable particulate matter (Stearates)) 3 mg/m ³ (respirable particulate matter (Stearates))
Québec	VEMP (OEL TWA)	10 mg/m ³ (Stearates)
Polyethylene glycol (25322-68-3)		
USA AIHA	WEEL TWA	10 mg/m ³ (molecular weight>200-aerosol)
Triethanolamine (102-71-6)		
USA ACGIH	ACGIH OEL TWA	5 mg/m ³
Alberta	OEL TWA	5 mg/m ³
British Columbia	OEL TWA	5 mg/m ³
Manitoba	OEL TWA	5 mg/m ³
New Brunswick	OEL TWA	5 mg/m ³
Newfoundland & Labrador	OEL TWA	5 mg/m ³
Nova Scotia	OEL TWA	5 mg/m ³
Nunavut	OEL STEL	10 mg/m ³
Nunavut	OEL TWA	5 mg/m ³
Northwest Territories	OEL STEL	10 mg/m ³
Northwest Territories	OEL TWA	5 mg/m ³
Ontario	OEL TWA	3.1 mg/m ³
Ontario	OEL TWA [ppm]	0.5 ppm
Prince Edward Island	OEL TWA	5 mg/m ³
Québec	VEMP (OEL TWA)	5 mg/m ³
Saskatchewan	OEL STEL	10 mg/m ³
Saskatchewan	OEL TWA	5 mg/m ³
Borax (B4Na2O7.10H2O) (1303-96-4)		
USA ACGIH	ACGIH OEL TWA	2 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
USA ACGIH	ACGIH OEL STEL	6 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL (TWA)	5 mg/m ³
Alberta	OEL STEL [ppm]	3 ppm (Borates, tetra, sodium salts)
Alberta	OEL TWA	1 mg/m ³ (Borates, tetra, sodium salts)
British Columbia	OEL STEL	6 mg/m ³ (inhalable (Borate compounds, inorganic))
British Columbia	OEL TWA	2 mg/m ³ (inhalable (Borate compounds, inorganic))
Manitoba	OEL STEL	6 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Manitoba	OEL TWA	2 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
New Brunswick	OEL TWA	5 mg/m ³
Newfoundland & Labrador	OEL STEL	6 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Newfoundland & Labrador	OEL TWA	2 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Nova Scotia	OEL STEL	6 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Nova Scotia	OEL TWA	2 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Nunavut	OEL STEL	6 mg/m ³ (inhalable fraction (Borate compounds, inorganic))
Nunavut	OEL TWA	2 mg/m ³ (inhalable fraction (Borate compounds, inorganic))
Northwest Territories	OEL STEL	6 mg/m ³ (inhalable fraction (Borate compounds, inorganic))
Northwest Territories	OEL TWA	2 mg/m ³ (inhalable fraction (Borate compounds, inorganic))
Ontario	OEL STEL	6 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))

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Ontario	OEL TWA	2 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Prince Edward Island	OEL STEL	6 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Prince Edward Island	OEL TWA	2 mg/m ³ (inhalable particulate matter (Borate compounds, inorganic))
Québec	VECD (OEL STEL)	6 mg/m ³ (inhalable dust (Borate, inorganic compounds))
Québec	VEMP (OEL TWA)	2 mg/m ³ (inhalable dust (Borate, inorganic compounds))
Saskatchewan	OEL STEL	6 mg/m ³ (inhalable fraction (Borate compounds, inorganic))
Saskatchewan	OEL TWA	2 mg/m ³ (inhalable fraction (Borate compounds, inorganic))

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Pasty
Odor	: Characteristic
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 100 °C (212 °F)
Flash Point	: Not available
Auto-ignition Temperature	: 410 °C (770 °F)
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: 23 hPa at 20°C (68 °F)
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity	: Not available
Solubility	: Water: Dispersible
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

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- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids. Strong oxidizing agents.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce: Carbon oxides (CO, CO₂). Nitrogen oxides. Oxides of boron.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Ethylene glycol (107-21-1)	
LD50 Dermal Rat	10600 mg/kg
ATE US/CA (oral)	500.00 mg/kg body weight
Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxooctadecyl)-.omega.-hydroxy- (9004-99-3)	
LD50 Oral Rat	53 ml/kg
Polyethylene glycol (25322-68-3)	
LD50 Oral Rat	22 g/kg
LD50 Dermal Rabbit	> 20 g/kg
Triethanolamine (102-71-6)	
LD50 Oral Rat	6400 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
Borax (B4Na2O7.10H2O) (1303-96-4)	
LD50 Oral Rat	3493 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg
LC50 Inhalation Rat	> 2.04 mg/l (Exposure time: 4 h)
Triethanolamine (102-71-6)	
IARC Group	3

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Ethylene glycol (107-21-1)	
LC50 Fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 - Crustacea [1]	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	14 – 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

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NOEC Chronic Crustacea	4.2 mg/l
Sodium stearate (822-16-2)	
NOEC Chronic Crustacea	0.48 mg/l
Triethanolamine (102-71-6)	
LC50 Fish 1	10600 (10600 – 13000) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	1386 mg/l
LC50 Fish 2	1000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 algae	169 mg/l
NOEC Chronic Crustacea	16 mg/l
Borax (B4Na2O7.10H2O) (1303-96-4)	
EC50 - Crustacea [1]	644 mg/l

12.2. Persistence and Degradability

TIREPASTE Mounting Compound	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

TIREPASTE Mounting Compound	
Bioaccumulative Potential	Not established.

Ethylene glycol (107-21-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.93
Triethanolamine (102-71-6)	
BCF Fish 1	3.9
Partition coefficient n-octanol/water (Log Pow)	-2.53

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

14.4. In Accordance with TDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

TIREPASTE Mounting Compound	
SARA Section 311/312 Hazard Classes	Health hazard - Specific target organ toxicity (single or repeated exposure)
Water (7732-18-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Ethylene glycol (107-21-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	5000 lb
SARA Section 313 - Emission Reporting	1 %
Sodium stearate (822-16-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxooctadecyl)-.omega.-hydroxy- (9004-99-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Polyethylene glycol (25322-68-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Triethanolamine (102-71-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Borax (B4Na2O7.10H2O) (1303-96-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.2. US State Regulations

California Proposition 65

 **WARNING:** This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Ethylene glycol (107-21-1)		X		

Ethylene glycol (107-21-1)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Triethanolamine (102-71-6)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

Borax (B4Na2O7.10H2O) (1303-96-4)
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

15.3. Canadian Regulations

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List)

Ethylene glycol (107-21-1)
Listed on the Canadian DSL (Domestic Substances List)

Sodium stearate (822-16-2)
Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxooctadecyl)-.omega.-hydroxy- (9004-99-3)
Listed on the Canadian DSL (Domestic Substances List)

Polyethylene glycol (25322-68-3)
Listed on the Canadian DSL (Domestic Substances List)

Triethanolamine (102-71-6)
Listed on the Canadian DSL (Domestic Substances List)

Borax (B4Na2O7.10H2O) (1303-96-4)
Listed on the Canadian DSL (Domestic Substances List)

TIREPASTE Mounting Compound

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 04/07/2021

Revision

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Repr. 1B	Reproductive toxicity Category 1B
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)