



## Safety Data Sheet

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and (EC) No. 1907/2006 (REACH)

Initial preparation date: 09.20.2017

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### Tech Tire Mounting Paste

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

**Product Name:** Tech Tire Mounting Paste

**Product code:** 783, 783-5E

**Additional information:** Rev 4

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** Tire Lubricant

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

##### 1.3 Details of the manufacturer/supplier of the safety data sheet

**Manufacturer:**

**North America**

Tech International

200 East Coshocton Street

Johnstown, OH 43031

1-740-967-9015

www.tech-international.com

**Supplier:**

**European Union**

Tech International Europe

Koeyleuken 16

2300 Turnhout, Belgium

00 32 1442 3103

techeurope@trc4r.com

##### 1.4 Emergency telephone number:

**European Union**

CHEMTREC

Brussels +(32) - 28083237

#### SECTION 2: Hazard(s) identification

##### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No. 1272/2008 (CLP):** The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

**Hazard-determining components of labeling:** None

##### 2.2 Label elements

**Hazard pictograms:** None

**Signal word:** None

**Hazard statements:** None

**Precautionary statements:** None

##### 2.3 Other hazards: None known

#### SECTION 3: Composition/information on ingredients

##### 3.1 Substance: Not applicable.

**Mixture:**

Identification	Name	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Weight %
CAS number: 57-11-4 EC number: 200-313-4	Stearic acid	Not classified	10-20

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### Tech Tire-Mounting Paste

CAS number: 111-46-6 EC number: 203-872-2	Diethylene glycol	Acute Tox. 4; H302	4-10
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Additional information: None

Full Text of H and EUH statements: See section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes:

Show this Safety Data Sheet to the doctor in attendance

##### Following inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. If respiratory symptoms develop or persist: Seek medical advice/attention

##### Following skin contact:

Wash affected area with plenty of soap and water. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists: Seek medical advice/attention

##### Following eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

##### Following ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

#### 4.2 Most important symptoms and effects, both acute and delayed

##### Acute symptoms and effects:

Not determined or not available.

##### Delayed symptoms and effects:

Not determined or not available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

##### Specific treatment:

Not determined or not available.

##### Notes for the doctor:

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

##### Unsuitable extinguishing media:

Do not use water jet.

#### 5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

#### 5.3 Advice for firefighters

### Tech Tire Mounting Paste

##### Personal protection equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

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#### Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

#### 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

#### 6.3 Methods and material for containment and cleaning up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

#### 6.4 Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

#### 7.3 Specific end use(s):

Refer to Section 1 (Recommended Use).

### SECTION 8: Exposure controls/personal protection



#### 8.1 Control parameters

Only those substances with limit values have been included below.

**Occupational Exposure limit values:**

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### Tech Tire Mounting Paste

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Bulgaria	Diethylene glycol	111-46-6	TWA: 10 mg/m <sup>3</sup>
Lithuania	Stearic acid	57-11-4	8-hour TWA: 5 mg/m <sup>3</sup>
	Diethylene glycol	111-46-6	8-hour limit: 10 ppm (45 mg/m <sup>3</sup> )
	Diethylene glycol	111-46-6	15-minute STEL: 20 ppm (90 mg/m <sup>3</sup> )
Belgium	Stearic acid	57-11-4	8-hour TWA: 10 mg/m <sup>3</sup> (as stearates)
Croatia	Diethylene glycol	111-46-6	Maximum (8 hr) allowable concentration: 23 ppm (101 mg/m <sup>3</sup> )
Ireland	Stearic acid	57-11-4	8-hour TWA: 10 mg/m <sup>3</sup> (as stearates, except lead stearate)
	Diethylene glycol	111-46-6	8-hour TWA: 23 ppm (100 mg/m <sup>3</sup> )
Estonia	Diethylene glycol	111-46-6	8-hour TWA: 10 ppm (45 mg/m <sup>3</sup> )
	Diethylene glycol	111-46-6	STEL: 20 ppm (90 mg/m <sup>3</sup> )
Italy	Stearic acid	57-11-4	8-hour TWA: 3 mg/m <sup>3</sup> [Stearates (except stearates of toxic metals), Respirable fraction]
	Stearic acid	57-11-4	8-hour TWA: 10 mg/m <sup>3</sup> [Stearates (except stearates of toxic metals), Inhalable fraction]
Latvia	Diethylene glycol	111-46-6	TWA: 10 mg/m <sup>3</sup>
Portugal	Stearic acid	57-11-4	8-hour Exposure Limit: 10 mg/m <sup>3</sup> (as stearates)
Spain	Stearic acid	57-11-4	8-hour daily exposure limit (VLA_ED): 10 mg/m <sup>3</sup> [Stearates (except stearates of toxic metals)]
Sweden	Stearic acid	57-11-4	Level Limit Value (NGV): 5 mg/m <sup>3</sup> (as stearates, total dust)
	Diethylene glycol	111-46-6	Level Limit Value (NGV): 10 ppm (45 mg/m <sup>3</sup> )
	Diethylene glycol	111-46-6	Short Term Limit (KTV): 20 ppm (90 mg/m <sup>3</sup> )
Poland	Diethylene glycol	111-46-6	8-hour TWA: 10 mg/m <sup>3</sup>
Romania	Diethylene glycol	111-46-6	8-hour TWA: 115 ppm (500 mg/m <sup>3</sup> )
	Diethylene glycol	111-46-6	15-minute STEL: 184 ppm (800 mg/m <sup>3</sup> )
Slovakia	Diethylene glycol	111-46-6	8-hour TWA: 10 ppm (44 mg/m <sup>3</sup> )
	Diethylene glycol	111-46-6	15-minute STEL (NPEL): 20 ppm (90 mg/m <sup>3</sup> )
Slovenia	Diethylene glycol	111-46-6	8-hour limit: 10 ppm (44 mg/m <sup>3</sup> )
Austria	Diethylene glycol	111-46-6	8-hour TWA: 10 ppm (44 mg/m <sup>3</sup> )
	Diethylene glycol	111-46-6	STEL: 40 ppm (176 mg/m <sup>3</sup> )
Denmark	Diethylene glycol	111-46-6	TWA: 2.5 ppm (11 mg/m <sup>3</sup> )
Germany	Diethylene glycol	111-46-6	TWA: 10 ppm (44 mg/m <sup>3</sup> )
United Kingdom	Diethylene glycol	111-46-6	TWA: 23 ppm (101 mg/m <sup>3</sup> )

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### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Derived No Effect Level (DNEL):

Not determined or not applicable.

### Predicted No Effect Concentration (PNEC):

Not determined or not applicable.

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls  
Biological monitoring may also be appropriate for some substances

## 8.2 Exposure controls

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

For continuous contact we recommend nitrile gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Use a European Standard EN149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the European Standard EN149.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

### Environmental exposure controls:

Select controls based on a risk assessment of local conditions.

See section 6 for information on accidental release measures.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Paste - white wax
Odor	Peach
Odor threshold	Not available
pH	Not available
Melting point/freezing point	<0 °C / <32 °F

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Initial boiling point/range	>104° C / > 220° F
Flash point (closed cup)	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Non-flammable
Upper flammability/explosive limit	Not available
Lower flammability/explosive limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Density	Not available
Relative density	1.01
Solubilities	Completely soluble in water.
Partition coefficient (n-octanol/water)	Not available
Auto/Self-ignition temperature	Not available
Decomposition temperature	Not available
Dynamic viscosity	Not available
Kinematic viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

### 9.2 Other information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

Does not react under normal conditions of use and storage.

### 10.2 Chemical stability:

Stable under normal conditions of use and storage.

### 10.3 Possibility of hazardous reactions:

None under normal conditions of use and storage.

### 10.4 Conditions to avoid:

None known.

### 10.5 Incompatible materials:

None known.

### 10.6 Hazardous decomposition products:

None known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Route	Result
Stearic acid	dermal	LD50 Rabbit: 5000 mg/kg
Diethylene glycol	oral	LDLo Human: 1000 mg/kg
	dermal	LD50 Rabbit: 13,300 mg/kg

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### Skin corrosion/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Reproductive Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Diethylene glycol	May cause damage to the kidneys through prolonged or repeated oral exposure.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

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## Tech Tire Mounting Paste

**Substance data:** No data available.

**Information on likely routes of exposure:**

No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:**

Refer to Section 4 of this SDS.

**Other information:**

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Acute (short-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**Chronic (long-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### 12.2 Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

### 12.3 Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### 12.4 Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

### 12.5 Results of PBT and vPvB assessment

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

### 12.6 Other adverse effects: No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Relevant information:**

Consult with EU Directive 2008/98/EC for the classifications of hazardous waste prior to disposal. Furthermore, consult with your regional, national or European waste requirements or guidelines, if applicable, to ensure compliance. Final decisions on the appropriate waste management method, in line with regional, national and European legislation, remains the responsibility of the waste treatment operator



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## Tech Tire Mounting Paste

### SECTION 14: Transport information

#### International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Carriage of Dangerous Goods by Inland Waterways (ADN)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk Name	None
Ship type	None
Pollution category	None

### SECTION 15: Regulatory information

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

##### European regulations

Inventory listing (EINECS): All ingredients are listed.

REACH SVHC candidate list: None of the ingredients are listed.

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**REACH SVHC Authorizations:** None of the ingredients are listed.

**REACH Restriction:** None of the ingredients are listed.

**Water hazard class (WGK) (Product):** Not determined.

**Water hazard class (WGK) (Substance):**

Ingredient Name	CAS	Class
Stearic acid	57-11-4	Non-hazardous to water.
Diethylene glycol	111-46-6	1

### Other regulations

**Germany TA Luft:** None of the ingredients are listed.

**Germany MAK:** Diethylene glycol: 8-hour TWA: 10 ppm (44 mg/m<sup>3</sup>)

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: Other information

#### Indication of changes:

October 13, 2020: Reviewed/updated to comply with the 12th and 14th Adaptations to Technical Progress (ATP) of the CLP Regulation. No significant changes

**Abbreviations and Acronyms:** None

**Classification procedure:**

Classification according to Regulation (EC) No. 1272/2008 (CLP)	Method Used
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#### Summary of classification(s) in section 3:

Acute Tox. 4; H302	Acute toxicity (oral), category 4
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#### Summary of hazard statements in section 3:

H302	Harmful if swallowed
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#### Disclaimer:

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End of Safety Data Sheet