

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

## 1 Identification

- **Product identifier**
- **Trade name: Tire Sealant**
- **Recommended use and restriction on use**
- **Recommended use:** Sealant
- **Restrictions on use:** Contact manufacturer.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
(United States)  
ITW Global Tire Repair, Inc.  
125 Venture Drive, Suite 210, San Luis Obispo, CA 93401  
Tel (805) 489-0490
- **Manufacturer/Supplier:**  
(Canada)  
ITW Permatex Canada  
35 Brownridge Rd., Unit 1, Halton Hills ON L7G 0C6  
(905) 693-8900 (Tel), (905) 864-8602 (Fax)
- **Information department:** Product Safety Department
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585



## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified as hazardous according to the Globally Harmonized System (GHS).
- **Additional information:**  
There are no other hazards not otherwise classified that have been identified.  
0 % of the mixture consists of component(s) of unknown toxicity.

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- **Label elements**
- **GHS label elements** Not Regulated.
- **Hazard pictograms:** Not Regulated.
- **Signal word:** Not Regulated.
- **Hazard statements:** Not Regulated.
- **Classification system**
- **NFPA ratings (scale 0 - 4)**  

1	Health = 0
0	Fire = 1
0	Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**  

HEALTH	0	Health = *0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.

(Cont'd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant



· **vPvB:** Not applicable.

(Cont'd. of page 1)

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

56-81-5	glycerol		25-50%
12174-11-7	Attapulgite (Palygorskite)	 Carc. 2, H351	2.5-10%
9004-34-6	Cellulose		≤ 2.5%
14808-60-7	Quartz (SiO <sub>2</sub> )	 Carc. 1A, H350	≤ 2.5%

- **Additional information:**

Non-classification as a carcinogen is based on non-respirable form of product.

For the wording of the listed Hazard Statements refer to section 16.

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

### 4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Remove contact lenses if worn.
- **After swallowing:**  
Unlikely route of exposure.  
Do not induce vomiting; immediately call for medical help.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture**  
In certain fire conditions, traces of other toxic gases cannot be excluded.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

(Cont'd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant

- **Additional information:** Cool endangered receptacles with water spray.

(Cont'd. of page 2)

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**  
Ensure adequate ventilation.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Allow to solidify. Pick up mechanically.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections:**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**  
Keep receptacles tightly sealed.  
No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.
- **Specific end use(s):** No relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

### 56-81-5 glycerol

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> mist; *total dust **respirable fraction
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.
EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *mist; **mist, respirable
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup>
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup>

(Cont'd. on page 4)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant

(Cont'd. of page 3)

**9004-34-6 Cellulose**

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust, **respirable fraction
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> paper fibre, total dust
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup>

**14808-60-7 Quartz (SiO<sub>2</sub>)**

PEL (USA)	see Quartz listing
REL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m <sup>3</sup> *as respirable fraction
EL (Canada)	Long-term value: 0.025 mg/m <sup>3</sup> ACGIH A2; IARC 1
EV (Canada)	Long-term value: 0.10* mg/m <sup>3</sup> *respirable fraction
LMPE (Mexico)	Long-term value: 0.025* mg/m <sup>3</sup> A2, *fracción respirable

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Engineering controls:**  
No relevant information available.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
No chemical-protective gloves required.  
Wear gloves for the protection against mechanical hazards according to OSHA and NIOSH rules.
- **Material of gloves** Strong gloves
- **Eye protection:** Not required.
- **Body protection:** Not required.

**9 Physical and chemical properties**

- **Information on basic physical and chemical properties**
- **General information**
- **Appearance:**

<b>Form:</b>	Structurally viscous
<b>Color:</b>	Not determined

(Cont'd. on page 5)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant

(Cont'd. of page 4)

- **Odor:** Mild
- **Odor threshold:** Not determined.
- **pH-value:** 8.8 ± 1.0
- **Change in condition:**
  - Melting point/Melting range:** Undetermined.
  - Boiling point/Boiling range:** 104.4 °C (220 °F)
- **Flash point:** >93.3 °C (>200 °F)
- **Flammability (solid, gaseous):** Product is not flammable.
- **Auto-ignition temperature:** 371 °C (700 °F) (Estimation)
- **Decomposition temperature:** >100 °C (>212 °F)
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapor pressure:** Not determined.
- **Density at 20 °C (68 °F):** 1.138 ± 0.05 g/cm<sup>3</sup> (9.497 ± 0.417 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
  - Water:** Emulsifiable.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not determined.
  - Kinematic:** Not determined.
- **Other information** No relevant information available.

### 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:**
  - Reacts with strong oxidizing agents.
  - Reacts with strong acids.
- **Conditions to avoid:** Store away from oxidizing agents.
- **Incompatible materials:** No relevant information available.
- **Hazardous decomposition products:**
  - Possible in traces.

(Cont'd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant

Carbon monoxide and carbon dioxide  
Hydrocarbons  
Nitrogen oxides

(Cont'd. of page 5)

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects.

- **Carcinogenic categories**

- **NTP (National Toxicology Program):**

14808-60-7 | quartz

K

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

- **Probable route(s) of exposure:**  
None
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Carcinogenicity:**  
Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is non-classifiable as a carcinogen.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No relevant information available.
- **Persistence and degradability:** The product is partially biodegradable. Significant residuals remain.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** Does not accumulate in organisms
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General notes:**  
Generally not hazardous for water  
This statement was deduced from products with a similar structure or composition.  
Due to the consistence of the product a disperse distribution into the environment is not possible.

(Cont'd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant

· **Other adverse effects:** No relevant information available.

(Cont'd. of page 6)

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Smaller quantities can be disposed of with household waste.

· **Uncleaned packagings**

· **Recommendation:** Disposal in accordance with official regulations.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

· **UN-Number**

· DOT, ADR, IMDG, IATA Not Regulated.

· **UN proper shipping name**

· DOT, ADR, IMDG, IATA Not Regulated.

· **Transport hazard class(es)**

· DOT, ADR, ADN, IMDG, IATA

· **Class** Not Regulated.

· **Packing group**

· DOT, ADR, IMDG, IATA Not Regulated.

· **Environmental hazards**

· **Marine pollutant:** No

· **Special precautions for user** Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **UN "Model Regulation"** Not Regulated.

## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **United States (USA)**

· **SARA**

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 304 (emergency release notification):**

None of the ingredients are listed.

(Cont'd. on page 8)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/09/2015

Reviewed on 09/09/2015

Trade name: Tire Sealant

(Cont'd. of page 7)

<ul style="list-style-type: none"> <li>· <b>Sections 311/312 (hazardous chemical threshold planning quantity in pounds):</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Section 355 (extremely hazardous substances):</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Section 313 (Specific toxic chemical listings):</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>TSCA (Toxic Substances Control Act)</b></li> </ul>
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All ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Proposition 65 (California)</b></li> </ul>
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<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause cancer:</b></li> </ul>
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References to chemical components listed below are based on unbound respirable particles and are not generally applicable to product as supplied.
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12174-11-7	Attapulgite (Palygorskite)
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14808-60-7	quartz
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<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause reproductive toxicity for females:</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause reproductive toxicity for males:</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Chemicals known to cause developmental toxicity:</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Carcinogenic categories</b></li> </ul>
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<ul style="list-style-type: none"> <li>· <b>EPA (Environmental Protection Agency):</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>IARC (International Agency for Research on Cancer):</b></li> </ul>
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12174-11-7	Attapulgite (Palygorskite)	2B
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14808-60-7	quartz	1
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<ul style="list-style-type: none"> <li>· <b>TLV (Threshold Limit Value established by ACGIH):</b></li> </ul>
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14808-60-7	quartz	A2
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<ul style="list-style-type: none"> <li>· <b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b></li> </ul>
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14808-60-7	quartz
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<ul style="list-style-type: none"> <li>· <b>Canadian substance listings</b></li> </ul>
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<ul style="list-style-type: none"> <li>· <b>Canadian Domestic Substances List (DSL):</b></li> </ul>
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All ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Canadian Ingredient Disclosure list (limit 0.1%):</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Canadian Ingredient Disclosure list (limit 1%):</b></li> </ul>
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None of the ingredients are listed.
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<ul style="list-style-type: none"> <li>· <b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.</li> </ul>
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(Cont'd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

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**Trade name: Tire Sealant**

(Cont'd. of page 8)

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 09/09/2015 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Carc. 1A: Carcinogenicity, Hazard Category 1A

Carc. 2: Carcinogenicity, Hazard Category 2