



Safety Data Sheet

Tire Sealant Mixture

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Tire Sealant - Heavy Duty Environmental Formula

Synonyms/Generic Names: None

Product Number:

Product Use: Tire sealant

Manufacturer: Multi Seal Corp
407 Alana Lane
Spring, Tx 77386

For More Information Call: 1-800-577-3353 (Monday-Friday 8:00-4:30 Central Time)

In Case of Emergency Call: CHEMTREC - 800-424-9300 or 703-527-3887 (24 Hours/Day, 7 Days/Week)

2. HAZARDS IDENTIFICATION

OSHA Hazards: Not classified as hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200 (HazCom 2012).

Target Organs: None Known

Signal Words: None

Pictograms: None

GHS Classification:

Skin irritation	Category 3
Eye irritation	Category 2B

GHS Label Elements, including precautionary statements:

Hazard Statements:

H316	Causes mild skin irritation
H320	Causes eye irritation

Precautionary Statements:

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.
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Potential Health Effects

Eyes	May cause irritation
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Ingestion	Harmful if ingested.

NFPA Ratings

Health hazard	0
Flammability	0
Reactivity hazard	0
Specific hazard	Not Available

HMIS Ratings

Health	0
Fire	0
Reactivity	0
Personal	H

3. COMPOSITION/INFORMATION ON INGREDIENTS

Listed Components*	Weight %	CAS #	EINECS# / ELINCS#	Formula	Molecular Weight
Propylene glycol	~50%	57-55-6	200-388-0	C ₃ H ₈ O ₂	76.10 g/mol

* Proprietary mix. Remaining components not listed for quantities in the formula.

4. FIRST-AID MEASURES

Eyes	In case of eye contact, rinse with plenty of water and seek medical attention if necessary.
Skin	May cause mild, transient skin irritation. If in contact with skin, flush with water.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

5. FIREFIGHTING MEASURES

Suitable (and unsuitable) extinguishing media	Non-flammable. If nearby fire requires, use appropriate media. Cool unopened containers with water.
Special protective equipment and precautions for firefighters	No special requirements.
Specific hazards arising from the chemical	Non-flammable. Combustion when exceeding auto-ignition point can emit oxides of carbon and nitrogen.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions	Non-hazardous to the environment. Not for consumption by humans or animals.
Methods and materials for containment and cleaning up	Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7. HANDLING AND STORAGE**Precautions for safe handling**

See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of aerosols.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area. Keep containers tightly closed. Keep away from heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational exposure controls:**

Component	Exposure Limits	Basis	Entity
Propane-1,2-diol	10 mg/m ³	WEEL	AIHA

Personal Protection

Eyes	Wear chemical safety glasses or goggles when handling this product.
Inhalation	Non-volatile at normal temperatures. Standard ventilation is adequate.
Skin	Keep off skin. Remove with water immediately to avoid skin irritation
Other	Not Available

Other Recommendations

Use normal good housekeeping practices. Handle with care to prevent contact with skin and eyes. Rinse water as necessary. Dispose of empty container properly.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Green thick liquid
Odor	Practically odorless
Odor threshold	Not Available
pH	>7.0<9.0
Melting point/freezing point	-40 deg. C (-40 deg. F)
Initial boiling point and boiling range	>225 deg F.
Flash point	Non-flammable
Evaporation rate	Not Available
Flammability	Non-flammable
Upper/lower flammability or explosive limit	Not applicable
Vapor pressure	Not available
Vapor density	N/A
Relative density	1.03 g/cm ³
Solubility (ies)	Mixture, soluble in water except for inert particulates
Partition coefficient: n-octanol/water	Not Available
Auto-ignition temperature	Not applicable due to boiling
Decomposition temperature	Not Available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Possibility of Hazardous Reactions	Not available
Conditions to Avoid	Excess heat
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Carbon and nitrogen oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Propylene Glycol Component)

Skin	LD50 Dermal – rabbit – 20,800 mg/kg
Eyes	Not Available
Respiratory	Not Available
Ingestion	LD50 Oral – rat – 20,000 mg/kg
Other	LD50 Intramuscular – rat – 14 g/kg LD50 Intravenous – dog – 26 g/kg LD50 Intraperitoneal – rat – 6,660 mg/kg LD50 Subcutaneous – rat – 22,500 mg/kg LD50 Intravenous – rat – 6,423 mg/kg LD50 Intraperitoneal – mouse – 9,718 mg/kg LD50 Subcutaneous – mouse – 17,370 mg/kg LD50 Intravenous – mouse – 6,630 mg/kg LD50 Intravenous – rabbit – 6,500 mg/kg

Carcinogenicity

IARC	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs & Symptoms of Exposure

Skin	Mild irritation
Eyes	Mild irritation
Respiratory	Irritation to respiratory tract.
Ingestion	Gastrointestinal disturbance; nausea; headache; vomiting; central nervous system depression
Chronic Toxicity	May cause damage to central nervous system (CNS)
Teratogenicity	May cause adverse reproductive effects and birth defects.
Mutagenicity	May affect genetic material.
Embryotoxicity	Not Available
Specific Target Organ Toxicity	Not Available
Reproductive Toxicity	Not Available
Respiratory/Skin Sensitization	Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate	Mortality NOEC – Pimephales promelas (fathead minnow) – 52,930 mg/l – 96 hours
Aquatic Invertebrate	Mortality NOEC – Daphnia magna (water flea) – 13,020 mg/l – 48 hours EC50 – Daphnia magna (water flea) - >10,000 mg/l – 48 hours
Terrestrial	Not available

Persistence and Degradability	Not available
Bioaccumulative Potential	Not available
Mobility in Soil	Not available
PBT and vPvB Assessment	Not available
Other Adverse Effects	Not available

13. DISPOSAL CONSIDERATIONS

Waste Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residues.
Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product containers.

14. TRANSPORT INFORMATION

US DOT	Not Dangerous Goods
TDG	Not Dangerous Goods
IDMG	Not Dangerous Goods
Marine Pollutant	No
IATA/ICAO	Not Dangerous Goods

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods.

15. REGULATORY INFORMATION

TSCA Inventory Status	Not regulated
DSCL (EEC)	Not regulated
California Proposition 65	Not Listed
SARA 302	Not Listed
SARA 304	Not Listed
SARA 311	No SARA Hazards
SARA 312	No SARA Hazards
SARA 313	Not Listed
WHMIS Canada	Not Listed

16. OTHER INFORMATION

Revision	Date
Revision 1	03/07/2015

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