

Monster Seal Tire Sealant - Made in USA

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 06-10-2020. Version: 2.1

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

1.1. Product identifier

Product form: Mixture
Product name: Monster Seal Tire Sealant

Monster Seal tire sealant is non flammable, non hazardous, water soluble
Monster Seal tire sealant is NOT on the California Prop 65 list.

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

Use of the substance / mixture : Tire Sealant

1.3. Details of the supplier of the safety data sheet

Monster Seal, LLC. 15466 Los Gatos Blvd Ste.109., Los Gatos, CA 95032
Tel: 408-721-2250, 408-823-1000, Sales@MonsterSeal.com

1.4. Emergency telephone number

Emergency number: 408-721-2250

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Acute Tox. 4 (Oral) H302
Full text of H-phrases: see section 16

2.2. Label elements GHS-US labeling GHS07

Hazard pictograms (GHS-US) :

Signal word (GHS-US) Warning:
Hazard statements (GHS-US) H302 - Harmful if swallowed

Precautionary statements (GHS-US) H302 - Harmful if swallowed

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P264 - Wash hands and other exposed areas thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves/protective clothing/eye protection
P301 + P312 - If swallowed: Call a poison center/doctor if you feel unwell
P308 + P313 - If exposed or concerned: Get medical advice/attention

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

None of the ingredients are of unknown toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable – the product is a mixture

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3.2. Mixture

Name	Product identifier	%
Ethylene glycol	(CAS No) 107-21-1	46.9
Titanium dioxide	(CAS No) 13463-67-7	0.61
Attapulgite	(CAS No) 12174-11-7	0.56

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

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). If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water / shower.
First-aid measures after eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician. Rinse mouth.

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

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media :	Product is not combustible; use media suitable for surrounding flammable material such as: Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media :	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity :	The product is non-reactive under normal conditions of use, storage and transport.
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5.3. Advice for firefighters

Firefighting instructions :	Product is not combustible; use water spray or fog for cooling exposed containers located in a fire area. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection. CTION 6: Accidental

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment Equip cleanup crew with proper protection
Emergency Procedures Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.
Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures Wash hands and other exposed areas thoroughly after handling. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Keep only in the original container in a cool, well ventilated place. Keep container tightly closed

Incompatible products Strong bases. Strong Acids

Incompatible materials None known

7.3. Specific end use(s)

No additional information available

Section 8: Exposure Control / Personal Protection

8.1. Control parameters

Monster Seal Heavy Duty Tire Sealant		
ACGIH	Not applicable	
OSHA	Not applicable	
Ethylene glycol (107-21-1)		
ACGIH	ACGIH Ceiling (mg/m3)	100 mg/m3
OSHA	Not applicable	

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Titanium dioxide (13463-67-7)		
ACGIH	ACGIH TWA (mg/m3)	10 mg/m3
OSHA	OSHA PEL (TWA) (mg/m3)	15 mg/m3 (total dust)

Attapulgite (12174-11-7)		
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

Appropriate engineering controls	Ensure good ventilation of the work station.
Personal protective equipment	Avoid release to the environment.
Hand protection	Wear protective gloves.
Eye protection	Chemical goggles or safety glasses.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	Not typically required if exposures are maintained below established limits.
Environmental exposure controls	Avoid release to the environment.
Other information	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance Color	Off white
Odor	Slightly ammonia-like
Odor threshold	No data available
pH	8.2 - 8.8
Melting point	Not applicable
Freezing point	< -42.8 °C
Boiling point	>127°C
Flash point	No data available, None detected
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Relative density	1.08
Relative vapor density at 20 °C	No data available
Solubility	Emulsifies in water.
Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

This product is stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Oral: Harmful if swallowed.

Monster Seal Premium Tire Sealant	
Acute Toxicity Estimate (ATE) US (oral)	1066.098 mg/kg body weight
Ethylene glycol (107-21-1)	
LD50 oral rat	4000 mg/kg
ATE US (oral)	500.000 mg/kg body weight
Titanium dioxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg

Skin corrosion/irritation

Not classified.. pH: 8.2 - 8.8

Serious eye damage/irritation

Not classified. pH: 8.2 - 8.8

Respiratory or skin sensitization

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classifiedSECTION 12: Ecological information

Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans (respirable dust form only)
Attapulgite (12174-11-7)	
IARC group	2B - Possibly carcinogenic to humans (respirable dust form only)

Reproductive toxicity

Not classified

Specific target organ toxicity (single exposure) :

Not classified

Specific target organ toxicity (repeated : exposure)

Not classified

Aspiration hazard :

Not classified

Potential Adverse human health effects and : symptoms

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Symptoms/injuries after ingestion :

Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general :

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Ethylene glycol (107-21-1)	
LC50 fish 1	41000 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i>)
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)
EC50 other aquatic organisms 1	6500 - 13000 mg/l (Exposure time: 96 h - Species: <i>Pseudokirchneriella subcapitata</i>)
LC50 fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [static])

12.2. Persistence and degradability

Monster Seal Heavy Duty Tire Sealant

Persistence and degradability

Not established.

12.3. Persistence and degradability

Monster Seal Heavy Duty Tire Sealant	
Bioaccumulative potential	Not established.
Ethylene glycol (107-21-1)	
Log Pow	-1.93

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information :

Avoid release to the environment.

SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations :

Dispose in a safe manner in accordance with local, state and federal regulations.

Ecology - waste materials :

Avoid release to the environment.

SECTION 14: Transportation information

Department of Transportation (DOT)

In accordance with DOT

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Additional information

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Monster Seal Heavy Duty Tire Sealant

SARA Section 311/312 Hazard Classes

Immediate (acute) health hazard

Ethylene glycol (107-21-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on United States SARA Section 313

SARA Section 313 - Emission Reporting

1.0 % reporting deminimis

15.2. International regulations

CANADA

Ethylene glycol (107-21-1)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Titanium dioxide (13463-67-7)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

EU-Regulations

Ethylene glycol (107-21-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Titanium dioxide (13463-67-7)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

No additional information available

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National regulations

Ethylene glycol (107-21-1)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List)

Titanium dioxide (13463-67-7)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Attapulgit (12174-11-7)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Pollutant Release and Transfer Register Law (PRTR Law) Listed on INSQ (Mexican national Inventory of Chemical Substances)

15.3. US State regulations

No additional information available

SECTION 16: Other information

Other information

Other information: None

Additional general product information:

- Monster Seal tire sealant is non flammable, non hazardous, water soluble
- Monster Seal tire sealant is NOT on the California Prop 65 list.
- Monster Seal ships as a non hazardous product, freight class 55
- Schedule B No. 2905.31.000. (Harmonized tariff code – HS Code)
- NMFC No. 50303-00 Pneumatic tire compound

Full text of H-phrases:

: None.

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
H302	Harmful if swallowed

SDS US (GHS HAZCOM 2012)

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