



# Safety Data Sheet

Issue Date: 21-Oct-2024

Revision Date: 23-Oct-2024

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Max Stretch

### Other means of identification

**SDS #** RD-0907

### Recommended use of the chemical and restrictions on use

**Recommended Use** Caulk.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Red Devil, Inc.  
4175 Webb Street  
Pryor, Oklahoma 74361  
www.reddevil.com

### Emergency telephone number

**Company Phone Number** 918-825-5744  
Fax: 918-825-5761  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B

### Signal Word

**Danger**

### Hazard statements

May cause genetic defects  
May cause cancer



### Precautionary Statements - Prevention

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Harmful to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight-%
Ethylene glycol	107-21-1	1-5
Titanium dioxide	13463-67-7	0.5-1.5
Silica, fumed	112945-52-5	0.5-1.5
Stoddard solvent	8052-41-3	0.1-1
Ammonium hydroxide	1336-21-6	0.1-1
Aluminum Oxide	1344-28-1	<0.1
1,2,4 Trimethylbenzene	95-63-6	<0.1
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	<0.1
Hydrous Aluminum Silicate	1332-58-7	<0.1

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES****Description of first aid measures**

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Causes mild skin irritation. May cause genetic defects. May cause cancer.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store locked up.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene glycol 107-21-1	STEL: 50 ppm vapor fraction STEL: 10 mg/m <sup>3</sup> inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction	-	-
Titanium dioxide 13463-67-7	TWA: 0.2 mg/m <sup>3</sup> nanoscale respirable particulate matter TWA: 2.5 mg/m <sup>3</sup> finescale respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale
Silica, fumed 112945-52-5	-	TWA: 20 Million particles per cubic feet	-
Stoddard solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH

Aluminum Oxide 1344-28-1	TWA: 1 mg/m <sup>3</sup> respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	-
1,2,4 Trimethylbenzene 95-63-6	TWA: 10 ppm	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
Triethylamine 121-44-8	STEL: 1 ppm TWA: 0.5 ppm S*	TWA: 25 ppm TWA: 100 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 40 mg/m <sup>3</sup> (vacated) STEL: 15 ppm (vacated) STEL: 60 mg/m <sup>3</sup>	IDLH: 200 ppm
Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5	TWA: 5 mg/m <sup>3</sup> (oil mist) STEL: 10 mg/m <sup>3</sup> (oil mist)	TWA: 5mg/m <sup>3</sup> (oil mist) STEL: none estab.	TWA: none estab. STEL: none estab.
Hydrous Aluminum Silicate 1332-58-7	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

**Appropriate engineering controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection**

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection**

Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	No information available	<b>Odor</b>	Not determined
<b>Appearance</b>	Not determined	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Not determined		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Initial boiling point and boiling range</b>	No data available	
<b>Flash point</b>	No data available	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>Lower flammability or explosive limits</b>	No data available	

Vapor Pressure	Not determined
Vapor Density	No data available
Relative Density	Not determined
Water Solubility	Not determined
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	No data available
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil 8042-47-5	> 5000 mg/kg ( Rat )	-	-
Ethylene glycol 107-21-1	= 4700 mg/kg ( Rat )	= 10600 mg/kg ( Rat )	> 2.5 mg/L ( Rat ) 6 h
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	= 5.09 mg/L ( Rat ) 4 h
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Silica, fumed 112945-52-5	= 3160 mg/kg ( Rat )	-	-

Stoddard solvent 8052-41-3	-	> 3000 mg/kg ( Rabbit )	> 5.5 mg/L ( Rat ) 4 h
3- Glycidoxypolydimethylsiloxane 2897-60-1	-	> 2000 mg/kg ( Rat )	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg ( Rat )	-	-
Sodium Lauryl Sulfate 85586-07-8	> 1000 mg/kg ( Rat )	-	-
Aluminum Oxide 1344-28-1	> 5000 mg/kg ( Rat )	-	-
1,2,4 Trimethylbenzene 95-63-6	= 3280 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	= 18 g/m <sup>3</sup> ( Rat ) 4 h
Polyethylene glycol 25322-68-3	= 22 g/kg ( Rat )	> 20 g/kg ( Rabbit )	-
Triethylamine 121-44-8	= 460 mg/kg ( Rat )	= 415 mg/kg ( Rabbit )	= 14.5 mg/L ( Rat ) 1 h
Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Hydrous Aluminum Silicate 1332-58-7	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-
Trimethylolpropane 77-99-6	= 14100 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	> 0.85 mg/L ( Rat ) 4 h
Methyl-2-benzimidazole carbamate 10605-21-7	> 5050 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-

#### Symptoms related to the physical, chemical and toxicological characteristics

##### Symptoms

Please see section 4 of this SDS for symptoms.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

##### Skin corrosion/irritation

Causes mild skin irritation.

##### Germ cell mutagenicity

May cause genetic defects.

##### Carcinogenicity

May cause cancer.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	A3	Group 2B		X
Silica, fumed 112945-52-5		Group 3		
Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5	A2	Group 1	Known	X

#### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**Occupational Safety and Health Administration of the US Department of Labor**

X - Present

#### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

<b>Oral LD50</b>	19,782.30 mg/kg
<b>Dermal LD50</b>	619,158.90 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	377.20 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Mineral Oil 8042-47-5		LC50: >10000mg/L (96h, <i>Lepomis macrochirus</i> )	
Ethylene glycol 107-21-1	EC50: 6500 - 13000mg/L (96h, <i>Pseudokirchneriella subcapitata</i> )	LC50: =41000mg/L (96h, <i>Oncorhynchus mykiss</i> ) LC50: 14 - 18mL/L (96h, <i>Oncorhynchus mykiss</i> ) LC50: =27540mg/L (96h, <i>Lepomis macrochirus</i> ) LC50: =40761mg/L (96h, <i>Oncorhynchus mykiss</i> ) LC50: 40000 - 60000mg/L (96h, <i>Pimephales promelas</i> ) LC50: =16000mg/L (96h, <i>Poecilia reticulata</i> )	EC50: =46300mg/L (48h, <i>Daphnia magna</i> )
Ammonium hydroxide 1336-21-6		LC50: =8.2mg/L (96h, <i>Pimephales promelas</i> )	EC50: =0.66mg/L (48h, water flea) EC50: =0.66mg/L (48h, <i>Daphnia pulex</i> )
Sodium Lauryl Sulfate 85586-07-8		LC50: 10 - 100mg/L (96h, <i>Brachydanio rerio</i> ) LC50: =2.5mg/L (96h, <i>Pimephales promelas</i> )	EC50: =2.8mg/L (48h, <i>Daphnia magna</i> )
1,2,4 Trimethylbenzene 95-63-6		LC50: 7.19 - 8.28mg/L (96h, <i>Pimephales promelas</i> )	EC50: =6.14mg/L (48h, <i>Daphnia magna</i> )
Triethylamine 121-44-8		LC50: =43.7mg/L (96h, <i>Pimephales promelas</i> )	EC50: =200mg/L (48h, <i>Daphnia magna</i> )
Severely Hydrotreated Heavy Naphthenic Petroleum Oil 64742-52-5		LC50: >5000mg/L (96h, <i>Oncorhynchus mykiss</i> )	EC50: >1000mg/L (48h, <i>Daphnia magna</i> )
Trimethylolpropane 77-99-6			EC50: =13000mg/L (48h, <i>Daphnia</i> species) EC50: 10330 - 16360mg/L (48h, <i>Daphnia magna</i> )

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

### Mobility

Chemical name	Partition coefficient
Ethylene glycol 107-21-1	-1.36
Stoddard solvent 8052-41-3	6.4
1,2,4 Trimethylbenzene 95-63-6	3.63

### Other adverse effects

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

##### Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### US EPA Waste Number

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Triethylamine 121-44-8	U404	Included in waste streams: K156, K157		U404
Methyl-2-benzimidazole carbamate 10605-21-7	U372	Included in waste streams: K156, K158		U372

#### California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Ammonium hydroxide 1336-21-6	Toxic Corrosive

### 14. TRANSPORT INFORMATION

#### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

Not regulated

#### IATA

Not regulated

#### IMDG

Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECI	PICCS	AIIC
Mineral Oil	X	ACTIVE	X	X	X	X	X	X	X
Ethylene glycol	X	ACTIVE	X	X	X	X	X	X	X
Titanium dioxide	X	ACTIVE	X	X	X	X	X	X	X
Silica, fumed	X		X		X	X	X	X	X
Stoddard solvent	X	ACTIVE	X	X		X	X	X	X
3-Glycidoxypentylmethyldiethoxysilane	X	ACTIVE	X	X	X	X			X
Ammonium hydroxide	X	ACTIVE	X	X	X	X	X	X	X
Sodium Lauryl Sulfate				X		X	X	X	X
Aluminum Oxide	X	ACTIVE	X	X	X	X	X	X	X
1,2,4 Trimethylbenzene	X	ACTIVE	X	X	X	X	X	X	X
Chemical name	TSCA	TSCA Inventory	DSL/NDSL	EINECS/ELI	ENCS	IECSC	KECI	PICCS	AIIC



		Status		NCS					
Poly(oxy-1,2-ethanediyl), alpha-3[3-(2H-benzotriazol- 2-yl)-5-(1,1-dimethylethyl)-4- hydroxyphenyl]-1-oxopropyl]- omega-hydroxy	X	ACTIVE	X			X	X	X	X
Polyethylene glycol	X	ACTIVE	X	X	X	X	X	X	X
Poly (oxy-1,2-ethanediyl), alpha-3-[3-(2H-benzotriazol- 2-yl)-5-(1,1-dimethylethyl)-4- hydroxyphenyl]-1-oxopropyl]- omega-[3-[3-(2H- benzotriazol-2-yl)-5-(1,1- dimethylethyl)-4- hydroxyphenyl]-1- oxopropoxy]	X	ACTIVE	X			X	X	X	X
Triethylamine	X	ACTIVE	X	X	X	X	X	X	X
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	X	ACTIVE	X	X		X	X	X	X
Hydrous Aluminum Silicate	X	ACTIVE	X	X		X	X	X	X
Trimethylolpropane	X	ACTIVE	X	X	X	X	X	X	X
Methyl-2-benzimidazole carbamate	X	ACTIVE	X	X	X	X	X	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing Chemicals Inventory**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ethylene glycol 107-21-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Ammonium hydroxide 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Triethylamine 121-44-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Methyl-2-benzimidazole carbamate 10605-21-7	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ

**SARA 313**

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene glycol - 107-21-1	107-21-1	1-5	1.0
Ammonium hydroxide - 1336-21-6	1336-21-6	0.1-1	1.0
Aluminum Oxide - 1344-28-1	1344-28-1	<0.1	1.0
1,2,4 Trimethylbenzene - 95-63-6	95-63-6	<0.1	1.0
Triethylamine - 121-44-8	121-44-8	<0.1	1.0

**CWA (Clean Water Act)**

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide	1000 lb			X

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Ethylene glycol - 107-21-1	Developmental
Titanium dioxide - 13463-67-7	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethylene glycol 107-21-1	X	X	X
Titanium dioxide 13463-67-7	X	X	X
Ammonium hydroxide 1336-21-6	X	X	X
Triethylamine 121-44-8	X	X	X
Hydrous Aluminum Silicate 1332-58-7	X	X	X
Methyl-2-benzimidazole carbamate 10605-21-7	X		

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special hazards</b>
	-	-	-	-
<b><u>HMIS</u></b>	<b>Health hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	-	-	-	Not determined

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Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**