



SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT: Bontrager TLR Sealant
MANUFACTURER: Fuller Brothers, Inc.
11507 SE Highway 212
Clackamas, OR 97015
United States of America

Emergency Telephone: (503) 546-1040 (24 Hour: No restrictions)
Non-Emergency Telephone: (503) 657-9366 (24 Hour: No restrictions)
(800) 547-7785 (24 Hour: No restrictions)

SYNONYMS: Not applicable
PRODUCT USE: Internal bicycle tire coating as an alternative to tube tires
PREPARED BY: Morry Jones
(503) 517 3873 (Business Hours)
PREPARATION/REVISION: July 26, 2018, Rev 4.0

2 HAZARDS IDENTIFICATION

Emergency Overview:



Warning: Causes serious eye irritation.

Hazard Statement:

H319: Causes serious eye irritation.

H316: Causes mild skin irritation.

Precautionary Statements:

P264: Wash thoroughly after handling.

P305/P351/P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337/P313: If eye irritation persists: Get medical advice/attention.

ROUTES OF ENTRY:	Eye contact, skin contact
Eyes:	Causes eye irritation upon contact with the eye.
Skin:	May cause mild skin irritation upon contact with the skin.
Ingestion:	Ingestion may cause irritation.
Inhalation:	Inhalation not expected to cause irritation.
Chronic Effects and Carcinogenicity:	No effects have been identified.

GHS CLASSIFICATION*

Physical, Health, and Environmental
Serious eye damage/eye irritation: Category 2A
Mild skin irritation: Category 3

*This list is limited to those categories that can be classified. Other categories are either not classified or classification is not possible.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Percent by Weight	ACGIH TLV-TWA	Federal OSHA PEL-TWA	Oregon OSHA PEL-TWA
Mica	12001-26-2	0-7.1	2 mg/m ³	20 mppcf	20 mppfc
Glycerin	56-81-5	0-7.5	10 mg/m ³ as a mist	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Synthetic Latex	NA	0-20	NA	NA	NA
Water	NA	0-35.6	NA	NA	NA
Proprietary Ingredients ¹	NA	29.8-100	NA	NA	NA

¹ No ACGIH TLV-TWA, federal OSHA or Oregon OSHA PEL-TWA exists for any proprietary ingredients in the mixture.

4 FIRST AID MEASURES

Eyes: In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 minutes. Remove contact lenses, if present and if it is easy to do so. If eye irritation occurs and persists, seek medical attention.

Skin: No first aid expected to be required. Consider removal of affected clothing and washing of affected skin as soon as practicable to minimize possibility of ingestion or eye contact.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. Seek immediate medical attention.

Inhalation: Remove person to fresh air. If breathing is difficult, give oxygen and seek immediate medical attention.

5 FIRE FIGHTING MEASURES

Flammable Properties: Not available.

Flashpoint: >230° Fahrenheit

Autoignition Temperature: Not available.

Lower Explosive Limit (%): Not available.

Upper Explosive Limit (%): Not available.

Fire and Explosion Hazards: No special hazards

Fire Fighting Instructions: Firefighting activities that may result in potential exposure to high heat, smoke, or toxic by-products of combustion requires NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full face-piece and full protective clothing.

Extinguishing Media: Carbon dioxide, dry chemical powder, foam, water spray, or fog.

6 ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protection during cleanup, such as splash goggles. Carefully contain and stop the source of the spill, if safe to do so.

Use the appropriate tools to put the spilled product in a convenient waste disposal container. Wash the area after the product has been removed. Do not flush down sewer or drainage systems, unless the system is designed and permitted to handle such material.

7 HANDLING AND STORAGE

Handling Precautions: Do not ingest. Avoid contact with eyes. Wash hands after use to avoid accidental eye contact or ingestion.

Storage Precautions: Store away from extreme heat and ignition sources.

8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Under expected conditions of use, general ventilation may be used. Use local exhaust ventilation if product is heated or aerosol mist is generated.

General Hygiene Practices: Wash hands and face with soap and water before eating, drinking, applying cosmetics, or using tobacco products.

Personal Protective Equipment:

Eyes:	Wear chemical splash glasses or goggles for spill cleanup or activities with potential eye contact.
Skin:	Wear chemical gloves for spill cleanup or activities with potential hand contact.
Respiratory:	None required under expected conditions of use. Wear NIOSH-approved respiratory protection if product is heated or aerosol mist is generated.

9 PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Blue.

Odor: Acrylic.

Odor Threshold: Not available.

PH: 9.5 – 10.80

Melting Point: Not available.

Freezing Point: -19° Fahrenheit

Initial Boiling Point: Not available.

Boiling Range: Not applicable.

Flashpoint: >230° Fahrenheit

Evaporation Rate: Not available.

Flammability: Not available.

Upper Explosive Limit: Not available.

Lower Explosive Limit: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Relative Density: Not available.

Solubility: .0165 ml fluid/ml water

Partition Coefficient (n-octanol/water): Not available.

Autoignition Temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

10 STABILITY & REACTIVITY

Reactivity: Not reactive under normal conditions of use and storage.

Stability: Stable under normal conditions of use and storage.

Hazardous Polymerization: Will not occur under normal conditions of use and storage.

Conditions and Materials to Avoid: None known.

Hazardous Decomposition Products: None known to occur.

11 TOXICOLOGICAL INFORMATION

LD50: Not available.

LC50: Not available.

Teratogenicity: No data indicating teratogenic effects.

Mutagenicity: No data indicating mutagenic effects.

STOT-single exposure: No data indicating STOT-single exposure.

STOT-repeat exposure: No data indicating STOT-repeat exposure.

Aspiration Hazard: No data indicating aspiration hazard.

Carcinogenicity: No data on mixture indicating carcinogenic effects.

Sensitization to Product: Not expected to cause sensitization based on assessment of individual ingredients.

12 ECOLOGICAL INFORMATION

Persistence and Degradability: Not available.

Environmental Toxicity (LC50): Not available.

Bioaccumulation Potential: Not available.

Mobility in Soil: Not available.

Additional Advice: Consult local regulations before discharging to sewers, drainages, or water bodies.

13 DISPOSAL CONSIDERATIONS

Disposal: Consult federal, state, and local waste regulations to determine appropriate disposal options.

Used Packaging: Cleaning and re-use, whenever possible, are preferable to disposal.

14 TRANSPORTATION INFORMATION

UN Number: Not established.

UN Proper Shipping Name: Not applicable.

Transport Hazard Class(es): Not applicable.

Packing Group: Not applicable.


Environmental Hazards: None.

Special Precautions for User: None.

Classification for Air Transport (IATA/ICAO): Not regulated for transport.

15 REGULATORY INFORMATION

Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state, and/or local reporting requirements. This product and/or its constituents may also be subject to other regulations at the state and/or local level. Consult those regulations applicable to your facility/operation.

 **WARNING:** This product can expose you to chloroprene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

16 OTHER INFORMATION

SDS STATUS:	Revision 4; updated based on new formula
PREPARED BY:	Fuller Brothers, Inc. 11507 SE Highway 212 Clackamas, OR 97015
KEY SOURCES:	GHS guidance revision 7

Abbreviations and Acronyms used in this document:

ACGIH TLV-TWA	American Conference of Governmental Industrial Hygienists threshold limit value eight-hour time weighted average
CAS#	Chemical Abstract Service
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
LC50	Lethal concentration, 50%
LD50	Lethal dose, 50%
mg/m ³	Milligrams per cubic meter
mppcf	Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques.
MSHA	Mine Safety and Health Administration
NA	Not applicable
NIOSH	National Institute for Occupational Safety and Health
OSHA PEL-TWA	Occupational Safety and Health Administration permissible exposure limit eight-hour time weighted average
ppm	Part per million
SDS	Safety data sheet
STOT	Specific target organ systemic toxicity
UN	United Nations