



MATERIAL SAFETY DATA SHEET

Issue date: 11th April, 2011

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TREMstop PU

Company: Tremco Pty Limited ABN 25 000 024 064
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955
Emergency Telephone: 1800 224 512 7am to 5pm Monday to Friday inclusive
Product Code: 245110, 245115 600ml sausage
Recommended
Use: Construction Joint Sealant
Manufacturer's Product
Code: 960851 323
Proper Shipping
Name: None Allocated - NON-HAZARDOUS

2. HAZARDS IDENTIFICATION

CLASSIFIED AS NON HAZARDOUS ACCORDING TO THE CRITERIA OF
WORKSAFE AUSTRALIA

Symbol: Xi Irritant

Safety Phrases: S2 Keep out of the reach of children
S13 Keep away from food, drink and animal feeding stuffs
S36/37 Wear suitable protective clothing and gloves

Risk Phrases: R36/37/38 Irritating to eyes, respiratory system and skin

Emergency Overview

Black/Grey/Red. Non-sag gunnable paste. May cause nausea, headaches, and dizziness. May cause allergic respiratory sensitization. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause nausea, headaches, and dizziness. May cause allergic respiratory sensitization.

Eyes : Direct contact may cause mild irritation.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions

Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Prolonged or repeated exposure to butyl benzyl phthalate may cause reduced body weights and adverse effects on the liver, kidney, spleen, pancreas, and reproductive

organs. Carbon Black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon Black is encapsulated by resin and not expected to have adverse effects unless made airborne. Organosilane may cause liver injury with fibrosis after repeated and prolonged overexposure. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs

Skin, Eye, Lung

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Calcium Carbonate	471-34-1	30.0-60.0%
Polyurethane Polymer	NJ TSRN# 51721300-5388P	15.0-40.0%
Butyl benzl phthalate	85-68-7	10.0-30.0%
Limestone (Calcium Carbonate)	1317-65-3	7.0-13.0%
Diisodecyl phthalate	26761-40-0	7.0-13.0%
Carbon Black	1333-86-4	<1.0%
Crystalline Silica (Quartz) Silica Sand	14808-60-7	<0.1%

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poisons Information Centre (Ph: 13 11 26 in all states) or Physician immediately.

5. FIRE FIGHTING MEASURES

Flash point : Not available
Method : Not available
Burning rate : Non-flammable solid
Lower explosion limit : Not available
Upper explosion limit : Not available
Autoignition temperature : Not available.
Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.

Hazardous combustion products: Carbon monoxide and carbon dioxide can form. Hydrocyanic acid and nitrogen oxides can form

Protective equipment for firefighters: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Keep out of water courses. Scrape up and transfer to appropriate container for disposal.

7. HANDLING & STORAGE

Store under dry warehouse conditions away from heat and all ignition sources. Prevent inhalation of vapour, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not store or use near food. Clean hands thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapour or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

Hand protection : Wear impervious nitrile or neoprene gloves and suitable protective apparel to reduce exposure.

Eye protection : Wear appropriate eye protection. Use safety glasses if eye contact is likely.

Protective measures : Use professional judgment in the selection, care, and use.

Engineering measures : Use general ventilation and/ or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Calcium Carbonate (Limestone)	1317-65-3	OSHA PEL:	5 mg/m ³	Respirable fraction
		OSHA PEL:	15 mg/m ³	Total dust

		ACGIH TWA: 3 mg/m ³	Respirable particles
		ACGIH TWA: 10 mg/m ³	Inhalable particles
		OSHA TWA: 15 mg/m ³	Total dust
		OSHA TWA: 5 mg/m ³	Respirable fraction
Carbon Black	1333-86-4	ACGIH TWA : 3.5 mg/m ³	
		OSHA PEL : 3.5 mg/m ³	
		OSHA TWA : 15 mg/m ³	Total dust
		OSHA TWA : 5mg/m ³	Respirable fraction
Crystalline Silica	14808-60-7	OSHA TWA : 0.1 mgm ³	Respirable
		OSHA TWA : 0.3mg/m ³	Total dust
		OSHA PEL: 15 mg/m ³	Total dust
		OSHA PEL: 5 mg/m ³	Respirable fraction
		ACGIH TWA: 0.025 mg/m ³	Respirable fraction

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :	Non-sag gunnable paste
Colour :	Black/Grey/Red
Odour :	Slight Ester
pH :	Not available.
Vapour pressure :	Not available.
Vapour density :	Heavier than air
Melting point/range :	Not available.
Freezing point :	Not available.
Boiling point/range :	Not available.
Water solubility :	Insoluble
Specific Gravity :	1.454
% Volatile Weight :	0 %

10. STABILITY AND REACTIVITY

Substances to avoid :	Amines. Water or moisture. Alcohols. Strong acids. Strong bases.
Stability :	Material is stable under normal storage, handling, and use.
Hazardous polymerization :	Will not occur.

11. TOXICOLOGICAL INFORMATION

Calcium carbonate,	CAS-No.: 471-34-1	Acute oral toxicity (LD-50 oral) 6,450 mg/kg (Rat)
Butyl benzyl phthalate,	CAS-No.: 85-68-7	Acute oral toxicity (LD-50 oral) 13,500 mg/kg (Rat)

12. ECOLOGICAL INFORMATION

No Data Available

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Recycle or dispose of in compliance with local waste disposal regulations.

14. TRANSPORT INFORMATION

UN Number: 3077 **
Packing Group: III
Class: 9
Hazchem Code: None allocated

** Under Australian Special Provisions of the ADG Code AU01 "Environmentally Hazardous Substances" meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in :

- (a) Packagings;
- (b) IBCs; or
- (c) Any other receptacle not exceeding 500Kg (L).

15. REGULATORY INFORMATION

Risk and Safety Phrases listed in Section 2

Poisons Schedule: None assigned

Non hazardous classified according to the criteria of Worksafe Australia

OSHA Hazardous Components:

Butyl Benzyl Phthalate	85-68-7
Calcium Carbonate (Limestone)	1317-65-3
Diisodecyl Phthalate	26761-40-0
Carbon Black	1333-86-4
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

OSHA Status: Considered Irritant

Hazardous (based on the
Following criteria: Carcinogen

OSHA Flammability: Not Regulated

Regulatory VOC (less water
and exempt solvent): 5g/l

VOC Method 310: 0%

Chemicals listed as an IARC, OSHA or ACGIH Carcinogen:

Butyl Benzyl Phthalate 85-68-7

Carbon Black 1333-86-4

16. OTHER INFORMATION

Hazardous Materials Information System:

Health	2
Flammability	1
Reactivity	1
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

For Industrial Use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: www.tremco.com.au

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.

Legend

ACGIH – American Conference of Government Hygienists
IARC – International Agency for Research on Cancer
OSHA – Occupational Safety & Health Administration
PEL – Permissible Exposure Limit
STEL – Short term Exposure Limit
TWA - Time Weighted Average
VOC – Volatile Organic Compound