



MATERIAL SAFETY DATA SHEET

Issue date: 19th July, 2011

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Polyshim II

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: 420450 3.8mm x 9.5mm x 3.2mm
420451 5.5mm x 9.5mm x 4.8mm
420452 7.1mm x 9.5mm x 6.4mm
Recommended
Use: Tape
Manufacturer's Product
Code: 7242YA1760
Proper Shipping
Name: None Allocated

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

Safety Phrases: S2 Keep out of the reach of children

Emergency Overview

Black. Solid. No serious effects anticipated under normal conditions of use. Generally not required under normal conditions of use.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.

Eyes : Not applicable under normal conditions of use. Direct contact may cause temporary redness and discomfort.

Ingestion : No known adverse effects.

Skin : No effects anticipated.

Aggravated Medical Conditions

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

Chronic Health Effects

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. Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica. Prolonged and repeated exposure to excessive airborne concentrations of talc can result in scarring of the lungs (pneumoconiosis) or the covering of the lungs (pleural thickening). Overexposure to sublimed zinc oxide may produce symptoms known as "zinc oxide chills" which have no recognized complications. Symptoms usually disappear within 24 hours. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Calcium Carbonate (Limestone)	1317-65-3	40.0 - 70.0
Polybutene	9003-29-6	15.0 - 40.0
Butyl rubber	9060-33-7	10.0 - 30.0
Amorphous silica	7631-86-9	10.0 - 30.0
Zinc oxide	1314-13-2	1.0 - 5.0
Talc	14807-96-6	1.0 - 5.0
Carbon Black	1333-86-4	- <1.0
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	- <1.0

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Generally not required under normal conditions of use.

Eye contact : Generally not required under normal conditions of use.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

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: Smoke, fumes. Carbon monoxide and carbon dioxide can form.

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

Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

6. ACCIDENTAL RELEASE MEASURES

Transfer to appropriate container for disposal.

7. HANDLING & STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Store under dry warehouse conditions away from heat and all ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.
Amorphous silica	7631-86-9	ACGIH TWA:	3 mg/m ³	Respirable particles.
		ACGIH TWA:	10 mg/m ³	Inhalable particles.
		OSHA PEL:	15 mg/m ³	Total dust.
		OSHA PEL:	5 mg/m ³	Respirable fraction.
		OSHA TWA:	0.8 mg/m ³	
Zinc oxide	1314-13-2	ACGIH TWA:	2 mg/m ³	Respirable fraction.
		ACGIH STEL:	10 mg/m ³	Respirable fraction.
		OSHA PEL:	5 mg/m ³	Fume.
		OSHA PEL:	5 mg/m ³	Respirable fraction.
		OSHA PEL:	15 mg/m ³	Total dust.
		OSHA TWA:	15 mg/m ³	Total dust.
		OSHA TWA:	5 mg/m ³	Respirable fraction.
Talc	14807-96-6	ACGIH TWA:	2 mg/m ³	Respirable fraction.
		OSHA TWA:	0.1 mg/m ³	Respirable.
		OSHA TWA:	0.3 mg/m ³	Total dust.
		OSHA PEL:	15 mg/m ³	Total dust.
		OSHA PEL:	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:	5 mg/m ³	Respirable fraction.
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	ACGIH TWA:	0.05 mg/m ³	Respirable fraction.
		OSHA TWA:	0.1 mg/m ³	Respirable.
		OSHA TWA:	0.3 mg/m ³	Total dust.
		OSHA PEL:	15 mg/m ³	Total dust.
		OSHA PEL:	5 mg/m ³	Respirable fraction.

Personal protection equipment

Respiratory protection : Not required under normal conditions of use.

Hand protection : Protect hands with impervious gloves.

Eye protection : Generally not required under normal conditions of use. Use safety glasses if eye contact is likely.

Skin and body protection : Not required.

Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

Engineering measures : Not required under normal conditions of use. Use only in well ventilated areas. Provide maximum ventilation in enclosed areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid
Color : Black
Odor : Negligible
pH : Not available.
Vapour pressure : Not available.
Vapor density : Heavier than air
Melting point/range : Not available.
Freezing point : Not available.
Boiling point/range : Not available.
Water solubility : Insoluble
Specific Gravity : 1.4
% Volatile Weight : 0 %

10. STABILITY AND REACTIVITY

Substances to avoid : Oxidizing agents.

Stability : Material is stable under normal storage, handling, and use.

Hazardous polymerization : Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Amorphous silica, CAS-No.: 7631-86-9

Acute oral toxicity (LD-50 oral) 22,500 mg/kg (Rat)

Zinc oxide, CAS-No.: 1314-13-2

Acute oral toxicity (LD-50 oral) 7,950 mg/kg (Mouse)

12. ECOLOGICAL INFORMATION

No Data Available

13. DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

14. TRANSPORT INFORMATION

TDG / DOT Shipping Description:
NOT REGULATED

15. REGULATORY INFORMATION

OSHA Hazardous Components :

Calcium Carbonate (Limestone)	1317-65-3
Amorphous silica	7631-86-9
Zinc oxide	1314-13-2
Talc	14807-96-6
Carbon Black	1333-86-4
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OSHA Status: Considered hazardous based on the following criteria:

: Irritant Carcinogen

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent) : 0 g/l

VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:

Carbon Black	1333-86-4
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

16. OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	1
Reactivity	0
PPE	

0 = Minimum

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

Further information:

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 of the product under every foreseeable condition.

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.