



## MATERIAL SAFETY DATA SHEET

Issue date: 17th March, 2010

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name: 440 TAPE BLACK**

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: 420210 4.8 X 9.5  
402111 3.2 X 9.5  
420100 1.6 X 6.4  
420101 1.6 X 9.5  
420102 1.9 X 6.4  
420103 2.4 X 6.4  
420104 3.2 X 9.5  
420105 4.8 X 9.5

Recommended  
Use: Glazing Tape  
Manufacturer's  
Product Code: 71010B1760

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### 2. HAZARDS IDENTIFICATION

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CLASSIFIED AS NON-HAZARDOUS ACCORDING TO THE CRITERIA OF  
WORKSAFE AUSTRALIA

Safety Phrases: S2 Keep out of the reach of children

Risk Phrases: Not classified

#### Emergency Overview

Black. Tape. 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). 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).

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### **3. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Chemical Name:</b>	<b>CAS Number:</b>	<b>Weight %:</b>
Calcium Carbonate (Limestone)	1317-65-3	40.0-70.0
Polybutene	9003-29-6	15.0-40.0
Talc	14807-96-6	10.0-30.0
Carbon Black	1333-86-4	5.0-10.0
Polyisobutylene Resin	NJTSRN#51721300-5362P	3.0-7.0
Butyl Rubber	9060-33-7	3.0-7.0
Crystalline Silica (Quartz) Silica Sand	14808-60-7	<-1.0

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### **4. FIRST AID MEASURES**

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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.

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### **5. FIRE FIGHTING MEASURES**

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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 Fire fighting 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 conjunction 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

Keep away from sources of ignition. No smoking while handling product. Smoking should be forbidden in areas where material is stored or processed.

### Personal protection equipment

Respiratory protection : Not required under normal conditions of use  
 Hand protection : Protect hands with impervious gloves  
 Eye protection : Generally not require 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.

### Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Calcium Carbonate (Limestone)	1317-65-3	OSHA PEL OSHA PEL ACGIH TWA ACGIH TWA OSHA TWA OSHA TWA	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 3 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	Respirable fraction Total dust Respirable particles Inhalable particles Total dust Respirable fraction
Talc	14807-96-6	ACGIH TWA OSHA TWA OSHA TWA OSHA PEL OSHA PEL	2 mg g/m <sup>3</sup> 0.1 mg g/m <sup>3</sup> 0.3 mg g/m <sup>3</sup> 15 mg g/m <sup>3</sup> 5 mg g/m <sup>3</sup>	Respirable fraction Respirable Total dust Total dust Respirable fraction
Carbon Black	1333-86-4	ACGIH TWA OSHA PEL OSHA TWA OSHA TWA	3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	Total dust Respirable fraction

Crystalline Silica (Quartz)/Silica Sand	14808-60-7	ACGIH TWA OSHA TWA OSHA TWA OSHA PEL OSHA PEL	0.05 mg/m <sup>3</sup> 0.1 mg/m <sup>3</sup> 0.3 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	Respirable fraction Respirable Total dust Total dust Respirable fraction
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Form : Tape  
Colour : Black  
Odour : Negligible  
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 : 1.61  
% Volatile weight : 0%

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## 10. STABILITY AND REACTIVITY

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Substances to avoid : Oxidising agents  
Stability : Material is stable under normal storage, handling and use  
Hazardous polymerization : Will not occur under normal conditions.

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## 11. TOXICOLOGICAL INFORMATION

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No data available.

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## 12. ECOLOGICAL INFORMATION

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No data available.

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## 13. DISPOSAL CONSIDERATIONS

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Disposal Methods: Waste not regulated. Dispose or landfill or incineration as required by local or state regulations.

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## 14. TRANSPORT INFORMATION

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NOT REGULATED.

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## 15. REGULATORY INFORMATION

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Risk and Safety Phrases listed in Section 2.

Classified as non hazardous according to the criteria of Worksafe Australia.

OSHA Hazardous Components :

Calcium Carbonate (Limestone)	1317-65-3
Talc	14807-96-6
Carbon Black	1333-86-4
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

OSHA Status: Considered hazardous based on the following criteria: Irritant  
Carcinogen

OSHA Flammability : Not Regulated  
Regulatory VOC (less water and exempt solvent) 0%

VOC Method 310 : 0 %

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

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

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## 16. OTHER INFORMATION

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Hazardous Materials Information Rating :

Health	1
Flammability	1
Reactivity	0
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](http://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 Governmental Hygienists  
TLV - Threshold Limit Value  
IARC - International Agency for Research on Cancer  
TWA - Time Weighted Average  
OSHA - Occupational Safety and Health Administration  
PEL - Permissible Exposure Limit  
VOC - Volatile Organic Compound