

Safety Data Sheet

Date | 23.02.2016
Release No. | 1

Section 1 Identification of the material and the supplier

Product: Tredlock
Product Use: Adhesive

Supplier: Tredsafe
Address: 25 Akatea Road,
Glendene 0602
Auckland, New Zealand
Telephone: +64 9 813 5236
Fax Number: +64 9 813 5246

Emergency No: 0800 766 764 (National Poison Centre)

Section 2 Hazards Identification

Australia NOHSC – Is hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice
This substance is hazardous according to The HSNO (Minimum Degrees of Hazard) Regulations 2001
NZ - EPA Approval Code: Surface Coatings and Colourants (subsidiary) - HSR002670

Pictograms:



SIGNAL WORD: WARNING

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.4A	H319	Causes serious eye irritation.	Category 2A

Prevention Code	Prevention Statement
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

Response Code	Response Statement
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.

Storage Code	Storage Statement
None allocated	-

Disposal Code	Disposal Statement
P501	Dispose of according to local authorities

Section 3: Composition of hazardous ingredients

Ingredients	Wt%	CAS Number
Calcium Carbonate	30-55	1317-65-3
Carbonic Acid, Calcium Salt(1:1)	15-25	471-34-1
1,2 Benzenedicarboxylic Acid, bis(2-propylheptyl) ester	5-15	53306-54-0
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	0.5-2	1760-24-3
Titanium Dioxide	0.5-1	13463-67-7
Carbon Black	<0.1	1333-86-4

Section 4: First aid measures

Routes of Exposure:

- If in Eyes** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
- If on Skin** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- If Swallowed** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor if you feel unwell.
- If Inhaled** Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5: Fire-fighting measures

Hazard Type	Non Flammable
Hazards from products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Suitable Extinguishing media	Use carbon dioxide, regular dry chemical, regular foam or water.
Precautions for firefighters and special protective clothing	Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products. Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.
HAZCHEM CODE	None Allocated

Section 6: Accidental release measures

Wear full protective gear as detailed in Section 8. Evacuate unprotected and untrained personnel from hazard area. Ventilate the area. Stop leak if possible without personal risk. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal in accordance with local regulations.

Section 7: Handling and storage

Handling

- Read label before use.
- Wash hands after use.
- Use personal protective equipment as required.

Storage

- Keep container closed when not in use.
- Isolate from incompatible materials such as strong acids, strong oxidizing materials.

Section 8: Exposure controls/personal protection

Exposure Limit Values:

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Calcium carbonate [1317-65-3]	-	10(d)	-	-
Titanium dioxide [13463-67-7]	-	10(d)	-	-
Carbon black [1333-86-4]	-	3	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Personal Protection

Respiratory Protection

Use an approved respirator if exposure limits are exceeded or if irritation develops or persists.

Skin Protection

Wear Nitrile gloves. Wear clothing that will protect the skin from exposure to this chemical. During emergency or while making repairs, wear clothing that will not allow this chemical to penetrate.

Eye Protection

Wear splash resistant safety goggles with a face-shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Section 9: Physical and chemical properties

Appearance	Paste
Odour	Mild
Physical State	Liquid
pH	Not applicable
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	>93.330C
Flammability	Not applicable
Upper and Lower Explosive Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Gravity (water = 1)	1.3 – 1.6
Solubilities	Slightly soluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
VOC	15g/L
Particle Characteristics	Not applicable

Section 10: Stability and reactivity

Stability of Substance

Stable under normal temperatures and pressure.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition.
Avoid contact with incompatible materials.

Incompatible Materials

Strong acids, strong oxidizing materials.

Hazardous Decomposition Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Combustion: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Section 11: Toxicological information

Acute effects

Swallowed	Not applicable
Dermal	Not applicable
Inhalation	Not applicable
Eye	This causes severe irritation to the eyes
Skin	Not applicable

Chronic effects

Carcinogenicity	Not applicable
Reproductive Toxicity	Not applicable
Germ Cell Mutagenicity	Not applicable
Aspiration	This causes severe irritation to the eyes
STOT/SE	Not applicable
STOT/RE	Not applicable

Section 12: Ecological information

This product is not known to be a hazard to the environment.

Diisononyl phthalate (28553-12-0)

Fish: 96 Hr LC50 Brachydanio rerio: >100 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: >0.14 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: >0.17 mg/L [static]; 96 Hr LC50 Pimephales promelas: >0.19 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >0.14 mg/L [static]

Algae: 72 Hr EC50 Desmodesmus subspicatus: >500 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >1.8mg/L [static]

Invertebrate: 48 Hr EC50 Daphnia magna: >500 mg/L; 48 Hr EC50 Daphnia magna: >0.06 mg/L [Static]

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13: Disposal considerations

Disposal Method: Triple rinse and dispose of according to local regulations.

Precautions: None known.

Disposal methods to avoid: None known.

Section 14: Transport information

This product is not classified as a Dangerous Good for transport in Australia; ADG 7

This product is not classified as a Dangerous Good for transport: NZS 5433:2012

Section 15: Regulatory information

Australia: Australia NOHSC: Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No:

Not scheduled

New Zealand: EPA Approval Code: Surface Coatings and Colourants (subsidiary) – HSR002670
HSNO Classification: 6.4A

HSNO Controls in New Zealand:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	Not required
Emergency Response Plan trigger Quantities	Not required

Section 16: Other information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice

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