

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

Disclaimer:

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Issue Date: 23 February 2016

Review Date: 23 February 2021