



# CALDER INDUSTRIAL MATERIALS LTD

## SAFETY DATA SHEET FOR

### LEAD SHEET SEALANT

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**PRODUCT NAME:** LEAD SHEET SEALANT                      **Reference.**                      DOCSH003                      **Issue Number 7**                      **February 2010**

**SUPPLIER:** Calder Industrial Materials Limited  
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#### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Polydimethylsiloxane, accessory agents, cross-linking agent.

| CAS-No    | Chemical Name                                       | %    | Classification   |
|-----------|-----------------------------------------------------|------|------------------|
| 265-148-2 | Distillates, petroleum, hydrotreated middle         | 1-30 | Xn; R65          |
| 245-366-4 | Butane-2-one-O,O', O''- (methyl silyldyne) trioxime | 1-5  | Xi; Xn; R2-36/38 |

#### 3. HAZARDS IDENTIFICATION:

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

#### 4. FIRST AID MEASURES:

**Inhalation:**

Remove person to fresh air. If discomfort persists seek medical advice.

**Skin Contact:**

Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.

**Eye Contact:**

Irrigate immediately with clean water for 15 minutes and obtain medical attention.

**Ingestion:**

Call doctor immediately – have data sheet available.

#### 5. FIRE FIGHTING MEASURES:

**Suitable Extinguishing Media:**

Carbon dioxide (CO<sub>2</sub>), foam, extinction powder, fine water spray.

**Unsuitable Extinguishing Media:**

None known.

**Special Exposure Hazards in Fires:**

In case of fire the following can develop: oxides of carbon, oxides of nitrogen, toxic pyrolysis products, traces possible: Formaldehyde.

**Required Special Protective Equipment for Fire Fighters:**

Protective respirator with independent air supply.

#### 6. ACCIDENTAL RELEASE MEASURES:

**Precautions:**

Ensure sufficient supply of air. Avoid contact with eyes and skin.

**Environmental Measures:**

If leakage occurs, dam up. Prevent from entering drainage systems. Prevent surface and ground-water infiltration, as well as ground penetration.

**Cleaning up:**

Collect either mechanically or absorb using sand or earth, etc. and dispose of in accordance with point 13.



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### 7. HANDLING AND STORAGE:

**Handling:**

General ventilation is recommended. Avoid skin and eye contact and do not breathe vapours.

**Storage:**

Keep container closed and store away from water and moisture. Store products only in original, unopened containers in dry conditions. Protect from direct sunlight and only store at room temperature. Protect from frost. Do not store with acids or oxidising agents. Storage life is approximately 12 months.

### 8. EXPOSURE CONTROLS:

Ensure good ventilation. This can be achieved by local suction or general air extraction.

|                                            |                                          |
|--------------------------------------------|------------------------------------------|
| Distillates, petroleum hydrotreated middle | 200 ppm WEL/TAW 1000mg/m <sup>3</sup> AG |
| Formaldehyde                               | 2 ppm WEL/TAW 2.5mg/m <sup>3</sup>       |

**Respiratory Protection:**

Normally not necessary. If OES or MEL is exceeded gas mask filter A (EN141).

**Hand Protection:**

Protective rubber gloves should be used. Avoid skin contact.

**Skin Protection:**

Wear impervious overalls in circumstances where significant skin contact can occur.

**Eye Protection:**

Wear chemical resistant goggles.

**Hygiene Measures:**

Exercise good hygiene practice. Wash after handling, especially before eating, drinking, smoking and toilet functions. Remove contaminated clothing immediately.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

|                                      |                |                               |                           |
|--------------------------------------|----------------|-------------------------------|---------------------------|
| <b>Appearance:</b>                   | Paste          | <b>Flashpoint (°C):</b>       | k.D.v                     |
| <b>Odour:</b>                        | Characteristic | <b>Viscosity:</b>             | >7mm <sup>2</sup> /s/40°C |
| <b>Relative Density:</b>             | 0.95-1.28 g/ml | <b>Boiling/Melting Point:</b> | k.D.v                     |
| <b>Solubility (water &amp; fat):</b> | Insoluble      | <b>Colours:</b>               | various                   |
| <b>pH Value Undiluted:</b>           | 7              |                               |                           |

### 10. STABILITY AND REACTIVITY:

Stable under recommended handling and storage conditions. Protect from moist air, heat and water. Avoid oxidizers, acids and strong alkalis, water, alcohols and amines.

**Decomposition Products:** T> 150°C: Formaldehyde. In case of contact with water: 2-Butanone oxime.

### 11. TOXICOLOGICAL INFORMATION:

Vapours released may cause eye irritation. Can irritate the skin on prolonged or repeated contact. May cause an allergic reaction. Small amounts transferred to the mouth by fingers during use should not injure, however swallowing large amounts may cause digestive discomfort.

### 12. ECOLOGICAL INFORMATION:

**Water Hazard Class:** 1  
**Persistence and Degradability:** Polydimethyl siloxane, Abiotically degradable, Slightly Biogradable (85%/21d-CEC L-33-A-94, DIN51828-2 E).  
**Behaviour in Sewage Plants:** Mechanical precipitation possible.  
**Accumulation:** None known, Polydimethyl siloxane.



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### 13. DISPOSAL CONSIDERATIONS:

**EC DISPOSAL CODE NO:** 08 02 17 wastes containing silicones other than those mentioned in 07 02 16.

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances.

**Recommendation:** Pay attention to local and national official regulations, e.g. suitable for incineration plant.

Untamminated packaging can be recycled. Dispose of packaging that cannot be cleaned in the same manner as the substance. 15 01 02 plastic packaging.

### 14. TRANSPORT INFORMATION:

No regulations apply for the transportation of this material. Not classified as hazardous for road, rail, sea or air transport.

### 15. REGULATORY INFORMATION:

Contains 2-Butanone oxime. May produce allergic reaction. Safety data sheet available for professional user on request.

### 16. OTHER INFORMATION:

R65 Also harmful.  
21 Harmful in contact to skin.  
36/38 Irritating to eys.

The contents of this Data sheet are not warranted to be accurate or complete and the Company can accept no liability to any customer, their employees or any other person whatsoever for any loss, injury or damage whether direct or consequential which may be caused by any error or omission from this sheet whether such error or omission is negligent or otherwise.