



# CALDER INDUSTRIAL MATERIALS LTD

## SAFETY DATA SHEET FOR CALDERFLEX WATERPROOF ROOF COATING

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

**PRODUCT NAME:** Calderflex Waterproof Roof Coating      **Reference:** OCSH025      **Issue No 2: February 2010**

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

<i>Chemical Name</i>	<i>Conc.%</i>	<i>CAS-No</i>	<i>EINECS</i>	<i>Classification</i>
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	20-30	108-65-6	203-603-9	R10 Xi; R36
2- Methoxypropyl acetate	0-0.5	70657-70-4	274-724-2	R10 Repr Cat 2; R61 Xi; R37
1,3,5-Trimethylbenzene	1-10	108-67-8	203-604-4	R10 Xi; R37 N; R51/53
Cumene	0.5-1	98-82-8	202-704-5	R10 Xn; R65 Xi; R37 N; R51/53
1,2,4-Trimethylbenzene	1-10	95-63-6	202-436-9	R10 Xn; R20 Xi; R36/37/38 N; R51/53
Solvent naphtha (petroleum), light aroma	1-10	64742-95-6		R10 Xn; R65 N; R51/53 R66 R67
Chlorinated Paraffin (C14-C17)	1-10	85535-85-9	287-477-0	N; R50/53
Quaternary ammonium salt	0-0.5	61789-73-9	263-082-9	Xn; R22 Xi; R38-41 N; R50 R10

### 3. HAZARDS IDENTIFICATION:

Flammable.  
Irritating to eyes.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES:

**INHALATION:** Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**INGESTION:** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. **DO NOT INDUCE VOMITING.**

**SKIN CONTACT:** Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**EYE CONTACT:** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

### 5. FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA:** Carbon oxides.

**FIRE HAZARDS:** Burning produces irritating, toxic and obnoxious fumes.

**PROTECTIVE EQUIPMENT:** Self-contained breathing apparatus. Wear protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES:

**PERSONAL PRECAUTIONS:** Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow product to enter drains. Prevent further spillage if safe.

**CLEAN UP METHODS:** Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.



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### 7. HANDLING AND STORAGE:

**HANDLING:** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition – No smoking.

**STORAGE:** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Stored in correctly labelled containers.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b>EXPOSURE LIMITS:</b>	2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 274 WEL 15 min limit mg/m3: 548
	Cumene	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: 125 WEL 15 min limit mg/m3: 250

**ENGINEERING MEASURES:** Ensure adequate ventilation of the working area.

**RESPIRATORY PROTECTION:** Wear suitable respiratory equipment when necessary.

**HAND PROTECTION:** Chemical resistant gloves (PVC).

**EYE PROTECTION:** Approved safety goggles.

**PROTECTIVE EQUIPMENT:** Wear chemical protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

**DESCRIPTION:** Liquid.

**COLOUR:** Grey.

**ODOUR:** Characteristic.

**BOILING POINT:** 145-181°C

**FLASH POINT:** 41°C

### 10. STABILITY AND REACTIVITY:

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Heat, sparks and open flames.

**MATERIALS TO AVOID:** Oxidising agents.

### 11. TOXICOLOGICAL INFORMATION:

**CORROSIVITY:** Irritating to eyes.

### 12. ECOLOGICAL INFORMATION:

**ECOTOXICITY:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS:

**GENERAL INFORMATION:** Dispose of in compliance with all local and national regulations.

### 14. TRANSPORT INFORMATION:

ADR/RID

UN	1263	Packing Group	III
Class	3	Hazard ID	30
Proper Shipping Name	PAINT		



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### 14. TRANSPORT INFORMATION continued:

IMDG	UN	1263	Packing Group	III
	Class	3	Marine Pollutant	.
	EmS Code	F-E S-E		
IATA	UN	1263	Packing Group	III
	Class	3	Subsidiary Risk	-
	Packing Instruction (Cargo)	310	Maximum Quantity	220 L
	Packing Instruction (Passenger)	309	Maximum Quantity	60 L
Further information	The product is not classified as dangerous for carriage.			

### 15. REGULATORY INFORMATION:

**LABELLING:** The product is classified in accordance with 67/548/EEC.

**SYMBOLS:** Xi – Irritant; N – Dangerous for the environment



**RISK PHRASES:** R10 – Flammable.  
R36 – Irritating to eyes.  
R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES:** S29 – Do not empty into drains.

### 16. OTHER INFORMATION:

#### Text of risk phrases in Section 2:

R10 – Flammable.  
R20 – Harmful by inhalation.  
R22 – Harmful if swallowed.  
R36 – Irritating to eyes.  
R36/37/38 – Irritating to eyes, respiratory system and skin.  
R37 – Irritating to respiratory system.  
R38 – Irritating to skin.  
R41 – Risk of serious damage to eyes.  
R50 – Very toxic to aquatic organisms.  
R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R61 – May cause harm to the unborn child.  
R65 – Harmful: may cause lung damage if swallowed.  
R66 – Repeated exposure may cause skin dryness or cracking.  
R67 – Vapours may cause drowsiness and dizziness.

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