



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:** DOCSH025 **Issue No 1:** June 2009

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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:

EXPOSURE LIMITS:	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
Class 3
Proper Shipping Name PAINT

Packing Group III
Hazard ID 30



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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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