

MATERIAL SAFETY DATA SHEET

SEMPRE IGLOO



Revision date: 05-07-2011

1. Identification of the substance/preparation and company/undertaking

Product name: SEMPRE IGLOO

Manufacturer: SEMPRE Farby Sp. z o.o., Ul. Gen. Kustronia 60
43-301 Bielsko - Biała, Poland
tel. +48 33 496 06 09, fax. +48 33 496 06 10

ROI Supplier: Sempre Therm Ireland Ltd, Abbeyfeale Co. Limerick
+ 353 68 304 35, +353 87 413 55 25

UK Supplier: Energytherm, Suite 1333, Kemp House, 152-160 City Road
London, EC1V 2NX, United Kingdom
tel. +44 20 3195 3880, +44 77 6784 1143

Emergency telephone: 112, +48 33 496 06 09 w.18 (Monday - Friday 7 am -4 pm)

2. Hazards identification

The product has been classified as dangerous according to the rules. Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

3. Composition/information on ingredients

Name	CAS No.	Content	Classification	Risk phrases	EINECS No
Portland cement	64-17-5	~ 60 %	F	R11	603-002-00-5
Portland cement	67-63-0	~ 40 %	Xi	R11, R36, R67	603-117-00-0

4. First-aid measures

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: **NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!**
Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

Skin contact: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.
Get medical attention if irritation persists after washing.

Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes.
Get medical attention if any discomfort continues.

5. Fire-fighting measures

Extinguishing media: This product is flammable. Use fire-extinguishing media appropriate for surrounding materials.

Protective measures in fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

Spill clean up methods: Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. Handling and storage

Usage precautions: Avoid spilling, skin and eye contact. Provide adequate ventilation. Vapors may form explosive mixtures with air.

Storage precautions: Store in tightly closed original container in a dry and cool place. Keep in original container.

8. Exposure controls/personal protection

Ingredient comments: WEL = Workplace Exposure Limits

Protective equipment:



Engineering measures: Provide adequate general and local exhaust ventilation.

Hand protection: Use suitable protective gloves if risk of skin contact. Rubber or plastic.

Eye protection: If risk of splashing, wear safety goggles or face shield.

Other protection: Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures: **DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.
When using do not eat, drink or smoke.

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9. Physical and chemical properties

Appearance:	Liquid
Colour:	Clear liquid
Odour:	Sweet
Relative density:	Approx. 0,88 gr/cm ³
PH:	unspecified

10. Stability and reactivity

Stability:	Stable under normal temperature conditions.
Conditions to avoid:	Avoid contact with: open source of fire, heat, strong oxidants, strong acids.
Hazardous decomposition products:	Vapors may cause explosive mixtures with air.

11. Toxicological information

Health warnings:	Ethanol: LD50 rat 7060 mg/kg, LD50 rabbit 6300 mg/kg, LD50 mouse 3450 mg/kg, LDLo humen 1400 mg/kg LDLo dog 5500 mg/kg, Propane-2-ol: LD50 rat 5045 mg/kg, LD50 rabbit 6410 mg/kg, LD50 mouse 3600 mg/kg LDLo humen 3570 mg/kg, LDLo men 5272 mg/kg, LDLo dog 1537 mg/kg
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12. Ecological information

Ecotoxicity:	Ethanol: EC50 (Daphnia magna) 2mg/l/48h; 9,3 mg/l/48h; >100mg/l/48h, LC50 (Daphnia magna) >100mg/l/96h LC50 (Pimephales promelas) >100mg/l/96h, LC50 (Oncorhynchus mykiss) 13000mg/l/96h Propane-2-ol: EC50 (Pimephales promelas) 10000mg/l/48h, LC50 (Pimephales promelas) 6550mg/l/96h; 9640mg/l/96h; 10400mg/l/96h; 11130mg/l/96h, LC50 (Lepomis macrochirus) >1400mg/l/96h
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13. Disposal considerations

Disposal methods:	Dispose of waste and residues in accordance with local authority requirements.
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14. Transport information

Danger class according to:	RID/ADR: class 3, packaging class II.
Classification code:	F1.
UN No:	Alcohol i.n.o. 1987.

15. Regulatory information

Risk phrases:	F, Xi, F Xn, R11, R36, R38, R67
Safety phrases:	S2, S16, S24/25, S26, S46, S51
Statutory instruments:	Chemicals (Hazard Information and Packaging) Regulations.
Approved code of practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance notes:	Workplace Exposure Limits EH40.

16. Other information

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Risk phrases in full:

Xi



Xi – irritant product
Xn – harmful product

F -	Extremely flammable	R48/22 -	Danger of serious damage to health by prolonged exposure, harmful if swallowed.
C -	Corrosive.	R65 -	Harmful – may cause lung damage if swallowed.
R10 -	Flammable.	R66 -	Repeated exposure may cause skin dryness or cracking.
T -	Toxic.	R67 -	Vapors may cause drowsiness and dizziness.
R22 -	Harmful if swallowed.	N -	Environmentally hazard.
R20/22 -	Harmful by inhalation, harmful if swallowed.	R50 -	Very toxic to aquatic organisms.
R23/24 -	Toxic by inhalation, toxic in contact in skin.	R50/53 -	Very toxic to aquatic organisms, may cause long – term adverse effects in the aquatic environment.
R34 -	Causes burns.	R52/53 -	Harmful to aquatic organisms, may cause long – term adverse effects in the aquatic environment.
R36/37/38 -	Irritating to eyes, respiratory system and skin.		
R40 -	Limited evidence of carcinogenic effect.		
R41 -	Risk of serious damage to the eyes.		
R43 -	May cause sensitization by skin contact.		

The product should be used as directed -consult specification sheet for further details. This information is given in good faith and is believed to be accurate and complete. It should be made available to all personnel using/ handling the product.