

# MATERIAL SAFETY DATA SHEET



## EXTREME CLIMATE

Issue: 1. Issue Date: 18/04/2007.

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

**Product Name.** EXTREME CLIMATE

**Supplier.** KINGFISHER BUILDING PRODUCTS Ltd.  
COOPER LANE.  
BARDSEA BUSINESS PARK  
ULVERSTON  
CUMBRIA.  
LA12 9RA.

**Telephone:** 01229 869100  
**Fax:** 01229 869101  
**Emergency:** As Above

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Ingredient Name.	CAS.No	Einecs	Content	Health (Class)	Risk (R No.)
Aliphatic,cycloparaffinic, hydrocarbon.	64742-48-9	265-150-3	>92	Xn, N	
n-butyl acetate	123-86-4	204-658-1	5		
Non hazardous Acrylate copolymers			<2		

### 3. HAZARDS IDENTIFICATION

**FIRE:** - Flammable

**ENVIRONMENT:** - Dangerous for the aquatic environment

**HEALTH** Harmful.

**Inhalation:** - May cause gastric irritation. Main risk involves aspiration into the lungs which could cause pneumonitis

**Eye Contact:** - Irritant

**Skin Contact:** - Repeated contact with the skin may cause irritation and possible dermatitis

**Ingestion :-** Harmful. May cause lung damage if swallowed.

### 4. FIRST AID MEASURES.

**Inhalation:-** Remove to fresh air. Seek medical attention.

**Eye Contact:** - Flush eyes with water for at least 10 minutes. seek medical advice if symptoms persist.

**Skin Contact:** - Remove contaminated clothing. Wash skin with soap and water.

**Ingestion:-** DO NOT induce vomiting. Seek medical attention.

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### 5. FIRE FIGHTING MEASURES.

**Extinguishing Media:-** Use foam, dry powder or CO<sub>2</sub>. DO NOT use water.

**Protective Measures in Fire:-** Keep containers cool by spraying with water. Fire fighters should wear breathing apparatus when working in confined space.

### 6. ACCIDENTAL RELEASE MEASURES.

**Personal Protection during Spill:-** Wear protective clothing, impervious gloves and face visor/goggles. Product spilt on clothing may give rise to delayed evaporation and subsequent fire hazard. When dealing with spill in confined space the use of breathing apparatus is recommended

**Precautions to Protect Environment:-** Prevent soil contamination and entry to water courses and drains. This product is classified as Toxic to aquatic organisms. It is READILY BIODEGRADABLE

**Spillage Clean Up Methods:-** Remove all sources of ignition. Contain and absorb with sand or other non combustible material. Report any escape to public drainage or water systems to Local Authority/Water Authority immediately.

### 7. HANDLING AND STORAGE.

**Usage Precautions:-** Take precautionary measures against static discharge during blending and transfer operations. Wear gloves and if splashing may occur eye protection.

**Storage Criteria:-** Store in well ventilated area away from sources of ignition.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT.	CAS. No.	STD OEL (8hr.TWA)	LT EXP (8 Hrs)	ST EXP (15 Min)
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Petroleum distillate		600 mg/m <sup>3</sup> .		
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**Ventilation :** Ensure good ventilation when using.  
**Respirators:** If using in poorly ventilated area wear a suitable respirator for White Spirit.  
**Protective Gloves:** Wear synthetic rubber/PVC gloves.  
**Eye |Protection :** Wear goggles or face mask if splashing may occur.  
**Other Protection :** Protective overalls should be worn.  
**General Hygiene :** Contaminated clothing should be removed and laundered before re - use

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### 9. PHYSICAL AND CHEMICAL PROPERTIES.

**Appearance:** - Liquid. **Colour:** - Colourless  
**Odour:** - Typical Petroleum odour. **Viscosity:** - 0.85 cst @ 25°C  
**Solubility in Water:** - Negligible **Flash Point:** - 380 C min.  
**Boiling Point:** - 150 - 200° C **Density:** - 0.785 g/ml  
**Vapour Pressure mm Hg @ 20°C:** - < 10 mbar @ 37.8°C **Lower Explosion Limit:** - 8%

### 10. STABILITY AND REACTIVITY

**Stability:** Product is stable at normal stocking, handling and usage temperatures.  
**Materials to Avoid:** Oxidising agents, strong acids/alkalis and halogens  
**Conditions to avoid:** Protect from all sources of heat or ignition. Incomplete combustion will produce toxic gases and generate smoke.

### 11. TOXICOLOGICAL INFORMATION.

**Inhalation:** N/A.  
**Ingestion:** Irritant. May cause lung damage.  
**Skin:** Irritant.  
**Eyes:** Irritant

### 12. ECOLOGICAL INFORMATION.

**Environmental Hazards.** Dangerous to the aquatic environment if allowed to enter the waterways.  
**Mobility;** In water the product is insoluble and will spread over the surface, possibly affecting oxygen transfer. Likely to evaporate readily. In soil the product has only slight mobility and will partially evaporate  
**Degradability:** Readily biodegradable (OECD 301F)  
**Bio accumulation:** . May bio accumulate

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** By incineration or use as landfill at a suitable tip approved by local authority. It is an offence to discharge into public drains.

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### 14. TRANSPORT INFORMATION

**Label for Conveyance.** Flammable Liquid. NOS. Flashpoint 38°C

**Hazard Class.** 30  
**UN No.** 1993  
**A.D.R.** 3

**Trans. Cat.** 3  
**Packaging Number.** III

### 15. REGULATORY INFORMATION

**Label for Supply**



**Harmful Xn**



**Dangerous for the Environment N.**

**Risk Phrases**

R10. Flammable  
R51/53. Toxic to aquatic organisms.  
R65. Harmful. may cause lung damage if swallowed.  
R66. Repeated exposure may cause skin dryness and cracking.  
R67 Vapours may cause drowsiness or dizziness.

**Safety Phrases**

S2) Keep out of reach of children.  
S23 Do not breathe vapour.  
S24 Avoid skin contact.  
S43 In case of fire use foam/dry powder/CO<sub>2</sub>. DO NOT use water.  
S61 Avoid release to the environment.  
S62 If swallowed do not induce vomiting: seek medical advice immediately and show label or container.

### 16. OTHER INFORMATION

**User Notes :**

THE INFORMATION GIVEN IN THIS DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY,S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER NO WARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO ITS ACCURACY,RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND APPLICATION OF SUCH INFORMATION FOR THEIR OWN USE