



SAFETY DATA SHEET

K-SEAL TOTAL CURE.

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

Product name/code	K-Seal Total Cure / KF73C.
Company	Kingfisher Building Products Ltd.
Address	Ulverston Cumbria. LA12 9RA
Web	www.kingfisheruk.com
Telephone	01229 869100
Fax	01229 869101
Email	office@kingfisheruk.com
Emergency Telephone	01229 869100. Mon – Fri. 0800 hrs – 1630 hrs.

SECTION 2: Hazard identification.

2.1.1 Classification 1999/45/EC	Xn; R65 Xi R37.N. R51/53. R10-66-67 Symbols: Xn; Harmful. N; Dangerous for the environment.
Main hazards	Flammable. Irritating to the respiratory system. Toxic to aquatic organisms, may have long-term adverse effects in the aquatic environment. Harmful; may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness or dizziness.

SECTION 3: Composition/information on ingredients.

Chemical Name	CAS No.	EC No	Symbol(s)	Con. (%w/w)	Classification.
Hydrocarbon petroleum distillates	64742-82-1	265-185-4	Xn, N.	40-50	R65-51/53-10-66-67
Hydrocarbons, C9, aromatics		918-668-5	Xn, Xi, N.	40-50	R65-37-51/53-10-66-67.

SECTION 4: First aid measures.

Inhalation	Harmful by inhalation. May cause nausea and vomiting. May cause dizziness and headache. Move person to fresh air. Seek medical attention.
Eye contact.	May cause irritation to the eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation persists.
Skin contact	May cause irritating to the skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persists.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the nervous system. DOP NOT INDUCE VOMITING. If swallowed seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures.

Extinguishing media.	In case of fire, use water spray(fog), foam, dry chemical or CO ² . DO NOT use water jet.
Special hazards arising from product.	Flammable liquid and vapour. Burning product produces toxic and obnoxious fumes. Material is toxic for the environment, do not allow run off water to enter drains.
Advice for fire fighters.	Fire fighters should use self contained breathing apparatus.

SECTION 6: Accidental release measures.

Personal protection.	Ensure adequate ventilation of the working area. Wear splash goggles, gloves and appropriate protective clothing.
Environmental precautions.	DO NOT allow product to enter drains. Prevent further spillage if safe. Keep away from sources of ignition/heat.
Clean up methods.	Absorb with inert, absorbent materials. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly. Dispose of in accordance with current local and national regulations.

SECTION 7: Handling and storage.

Precautions for safe handling.	Avoid contact with eyes and skin. Do not ingest or inhale vapours. Ensure adequate ventilation of the working area. Adopt best materials handling practices when handling, carrying or dispensing.
Storage criteria.	Keep away from sources of heat. Store in a cool, dry, well ventilated area.

SECTION 8: Exposure controls / personal protection..

8.1. Exposure limits

Substance	WEL 8-hr limit ppm	WEL 15 min limit ppm.	WEL 8-hr limit mg/m ³	WEL 15 min limit mg/m ³
Hydrocarbon petroleum distillates	-	-	350	-

8.2 Exposure controls.

Engineering controls.	Ensure adequate ventilation of the work area.
Personal protection measures.	Wear chemical protective clothing.
Eye/face protection.	Wear approved safety goggles/glasses.
Skin/hand protection.	Nitrile, PVC or Neoprene gloves. Overalls.
Respiratory protection.	Wear appropriate vapour respirator.

SECTION 9: Physical and chemical properties.

State	Liquid
Colour	Clear
Odour	Solvent
Viscosity	320-430 s.nozzle 6mm (DIN ISO 24531).
Solubility in water	Insoluble
Flash point	35 – 50 ^o C.
Boiling point	145-185 ^o C.
pH	n/a
Density	0.89 g/cm ³
Auto ignition	>200 ^o C

SECTION 10: Stability and reactivity.

Stability.	Stable under normal conditions or use
Materials to avoid.	Strong oxidising agents
Conditions to avoid.	Avoid heat, sparks, open flames and other sources of ignition

SECTION 11: Toxicological information.

11.1.1. Information on toxicological effects

Routes of exposure	See Section 4 of this data sheet for routes of exposure and treatment of symptoms.
--------------------	--

SECTION 12: Ecological information.


General information.	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
----------------------	--

Ecotoxicity	LC50, 96 hrs, Fish mg/l	EC50, 48 hrs, Daphnia, mg/l	IC50,72 hrs, Algae, mg/l
Hydrocarbon petroleum distillates	10-30	10-22	4.6-10
Hydrocarbons,C9, aromatics	9.2	3.2	2.9
Mobility	Low mobility. Absorbs to soil. Floats on water.		
Biodegradability	Biodegradable.		
Bioaccumulative potential.	Has potential to bioaccumulate.		

SECTION 13: Disposal considerations.



General information.	Dispose of in accordance with local and national regulations.
----------------------	---

SECTION 14: Transport information.

Hazard pictograms.	
UN Number	UN 1993
UN Proper Shipping name.	FLAMMABLE LIQUID N.O.S.
Transport hazard class(es)	ADR/RID. 3 IMDG. 3 IATA . 3
Packing group	3
Environmental hazards	-
ADR Limited quantity	LQ7 (5L)
Hazard ID	30
Tunnel category	(D/E)
EmS code. IMDG.	F-E S-E
Packing Inst. (Cargo) IATA.	366
Maximum quantity	220L
Packing Inst. (Passenger)	355
Maximum quantity	60L

SECTION 15: Regulatory information.

Labelling

Symbols	The product is classified in accordance with 67/548/EEC   Xn; Harmful. N; Dangerous to the environment
Risk phrases.	R10. Flammable. R37. Irritating to the respiratory system. R51/53. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment. R65. Harmful, may cause lung damage if swallowed. R66. Repeated exposure may cause skin dryness or cracking. R67. Vapours may cause drowsiness and dizziness.
Safety phrases	S 29 Do not empty into drains. S62. If swallowed, do not induce vomiting: seek medical advice immediately, showing this container or label.

SECTION 16: Other information.

Text of risk phrases in Section 3	R10. Flammable. R37. Irritating to the respiratory system. R51/53. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65. Harmful, may cause lung damage if swallowed. R66. Repeated exposure may cause skin dryness or cracking. R67. Vapours may cause drowsiness and dizziness.
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication; however no guarantee is made to its accuracy. This information 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 other process.