

MATERIAL SAFETY DATA SHEET.



RENDERMIX

Issue: 2. Issue Date: 25/04/2005.

Page 1 of 4

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name. KINGFISHER RENDERMIX.

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	Content %w/w.	Health (Class)	Risk (R No.)
Caustic Soda.	1310-73-2	0.9%	C.	R35.
Tall Oil Fatty Acid.	95912-82-6	<9%		
Sodium Silicate.	1344-09-8.	<11%	Xi.	R38, R41.

3. HAZARDS IDENTIFICATION

FIRE: - Non Flammable. But combustible.

ENVIRONMENT: - N/K

HEALTH: - Irritant.

Eye Contact: - Irritant.

Skin Contact: - Irritant

4. FIRST AID MEASURES.

Eye Contact: - Flush eye with clean water or standard eye wash solution. Seek medical advice if irritation persists.

Skin Contact: - Wash affected area with soap and water. Remove contaminated clothing.

MATERIAL SAFETY DATA SHEET (Continued)

RENDERMIX

Issue No: 2. Issue Date: 25/04/2005 Page 2 of 4

5. FIRE FIGHTING MEASURES.

Extinguishing Media:- Water based product. Non flammable but combustible. Use CO2, foam, dry powder or water spray.

Protective Measures in Fire:- Standard.

6. ACCIDENTAL RELEASE MEASURES.

Personal Protection during Spill:- Wear gloves and goggles when handling.

Precautions to Protect Environment:- N/K.

Spillage Clean Up Methods:- Absorb onto a suitable inert material, sweep up and place in suitable container for disposal.

7. HANDLING AND STORAGE.

Usage Precautions:- Wear gloves, goggles and overalls.

Storage Criteria:- Store at temperatures above 5°C but below 30°C at all times.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT.	CAS No.	STD OEL (8hr.TWA)	LT EXP (8 Hrs)	ST EXP (15 Min)
Caustic soda.	1310-73-2			2mg / m ³
Tall Oil fatty Acid	95912-82-6			
Sodium Silicate	1344-09-8			2mg / m ³

Personal Protective Equipment:- Wear gloves, goggles and overalls. .

Hygienic Work Routines:- Use in accordance with good industrial handling and hygiene practices.

MATERIAL SAFETY DATA SHEET (Continued)

RENDERMIX

Issue No: 2. Issue Date: 25/04/2005

Page 3 of 4

9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance: - Liquid

Colour: - Opaque Blue.

Odour: - Slight

Evaporation rate: - N/K

Solubility in Water: - Fully miscible.

Specific Gravity: - 1.02 - 1.04.

Flash Point: - N/A.

Melting Point: - N/A

Vapour Pressure: - Negligible at ambient temperatures.

pH of Solution: - 12.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to Avoid: May react with concentrated acids.

11. TOXICOLOGICAL INFORMATION.

Inhalation: N/A.

Skin Contact: Repeated skin contact may cause sensitisation.

Ingestion: Expected to possess a low degree of acute oral toxicity (LD50 >2000mg/kg.)

12. ECOLOGICAL INFORMATION.

Environmental Hazards: - Not hazardous to the environment.

Biodegradation : - Readily biodegradable.

Bio-accumulation: - Product not expected to bio accumulate.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with all applicable local and national regulations. Landfill site.

MATERIAL SAFETY DATA SHEET (Continued)

RENDERMIX

Issue No: 2. Issue Date: 25/04/2005

Page 4 of 4

14. TRANSPORT INFORMATION

Label for Conveyance. None assigned.

UN No. Not assigned.

I.M.D.G. Non hazardous.

ICAO/ IATA. Non hazardous.

15. REGULATORY INFORMATION

Label for Supply:



Irritant Xi

Risk Phrases : R36. Irritating to eyes.
R38. Irritating to skin.

Safety Phrases : S2. Keep out of reach of children.
S25. Avoid contact with eyes.
S37. Wear suitable clothing.

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