

SAFETY DATA SHEET**EMACO S103****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY****PRODUCT NAME:** EMACO S103**PART No.:** F127511**2 COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
PORTLAND CEMENT		65997-15-1	10-30 %	Xi	36/38, 41

The full text for all R-phrases are shown in section 16.

COMPOSITION COMMENTS: Mixture based on Portland cement, calcareous and other mineral fillers.**3 HAZARDS IDENTIFICATION**

Risk of serious damage to eyes.

4 FIRST AID MEASURES

INHALATION:	Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.
INGESTION:	DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Obtain medical advice. Provide rest, warmth and fresh air.
SKIN:	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation develops.
EYES:	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 material is not flammable. Use extinguishing media appropriate for surrounding fire.**6 ACCIDENTAL RELEASE MEASURES****PRECAUTIONS TO PROTECT ENVIRONMENT:** Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.**SPILL CLEANUP METHODS:** Shovel into dry containers. Cover and move the containers. Flush the area with water. Wear necessary protective equipment. Minimise dust formation.

EMACO S103**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS: Avoid handling which leads to dust formation. Provide good ventilation.
STORAGE PRECAUTIONS: Store at moderate temperatures in dry, well ventilated area.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT COMMENTS: Nuisance Dust 8 Hour TWA 10 Mg/M³ Inhalable 4 Mg/M³ Respirable

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.
RESPIRATORS: Respiratory protection must be used if air concentration exceeds acceptable level. Dust filter P2 (for fine dust).
PROTECTIVE GLOVES: No specific hand protection noted, but gloves may still be advisable. For prolonged or repeated skin contact use suitable protective gloves. Rubber or plastic.
EYE PROTECTION: Wear dust resistant safety goggles where there is danger of eye contact.
OTHER PROTECTION: Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station. Wet cement burns are painless, prevention of contact with skin is vital
HYGIENIC WORK ROUTINES: Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material. **DO NOT SMOKE IN WORK AREA!**

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Powder, dust. **COLOUR:** Grey.
ODOUR/TASTE: None
SOLUBILITY DESCRIPTION: Immiscible with water.

10 STABILITY AND REACTIVITY

STABILITY: Normally stable.
CONDITIONS TO AVOID: Not known.
MATERIALS TO AVOID: Strong oxidizing agents. Strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Fire or high temperatures create: Asphyxiating gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

11 TOXICOLOGICAL INFORMATION

INHALATION: Dust may irritate respiratory system or lungs.
INGESTION: May cause discomfort if swallowed.
SKIN: Powder may irritate skin.
EYES: Particles in the eyes may cause irritation and smarting. Risk of serious eye damage
HEALTH WARNINGS: Cement contains chromium VI which may cause sensitisation in select individuals
TARGET ORGANS: Skin. Eyes. Respiratory system, lungs.

EMACO S103**12 ECOLOGICAL INFORMATION**

ENVIRONMENTAL HAZARDS: Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Recover and reclaim or recycle, if practical. Dispose of on site landfill area. Dispose of in accordance with Local Authority requirements.

14 TRANSPORT INFORMATION**ROAD:**

ROAD TRANSPORT NOTES: Not classified for road transport. Product not classified as dangerous goods under any transport regulations

RAIL:

RAIL TRANSPORT NOTES: Not classified for rail transport. Product not classified as dangerous goods under any transport regulation

SEA:**AIR:**

AIR TRANSPORT NOTES: Not classified for air transport. Product not classified as dangerous goods under any transport regulations

15 REGULATORY INFORMATION**LABEL FOR SUPPLY:**

IRRITANT

RISK PHRASES:	R-41	Risk of serious damage to eyes.
SAFETY PHRASES:	S-25	Avoid contact with eyes.
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-39	Wear eye/face protection.
	S-60	This material and its container must be disposed of as hazardous waste.
	U-2	Use a face mask if excessive dust is unavoidable.
	U-3	Contact with wet cement may cause irritation, dermatitis or burns.
	U-4	Contact between cement powder and body fluids (eg sweat and eye fluid) may also cause irritation, dermatitis or burns.
	U-6	Contains chromium (VI). May produce an allergic reaction
UK ENVIRONMENTAL LISTINGS:	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.	
EC DIRECTIVES:	System of specific information relating to Dangerous Preparations. 91\155.	
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations.	



The Chemical Company

EMACO S103

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES: Dangerous Properties of Industrial Materials Report, N.Sax et.al.

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R-PHRASES (Full Text): R-41 Risk of serious damage to eyes.

R-36/38 Irritating to eyes and skin.