

HEALTH and SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT:

PRODUCT SUPERSEAL GLOSS
INTENDED USE SEALER for PRINTED CONCRETE

2. COMPOSITION/INFORMATION ON INGREDIENTS:

HAZARDOUS INGREDIENTS	INDEX No	CONTENT	SYMBOLS	R PHRASES
ETHYL BENZENE	601-023-00-4	< 5 %	F; Xn	R11-20
XYLENE (mixture of isomers)	601-022-00-9	50-99%	Xn	R10-20/21-38

3. HAZARDS IDENTIFICATION:

R10- FLAMMABLE

R21 -Harmful in contact with skin

R20 -Harmful by inhalation and irritating to respiratory system

R22- Harmful if swallowed

S36- Wear suitable protective clothing/gloves

S51- Use only in well ventilated areas

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

4. FIRST AID MEASURES:

General:

In cases of doubt or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air, keep the person warm and rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least ten minutes, holding the eyelids apart and seek medical advise.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. DO NOT use solvents or thinners.

Ingestion:

If accidentally swallowed, obtain immediate medical advice. Keep at rest. DO NOT induce vomiting.

5. FIRE FIGHTING MEASURES:

Extinguishing media:

Recommend: Alcohol resistant foam, Carbon Dioxide, Powder, Water spray.

NOT TO BE USED: WATER JET

Recommendations:

Fire will produce dense black smoke containing hazardous products of combustion (see section ten). Decomposition products may be a hazard to health. Appropriate self contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES:

Exclude sources of ignition and ventilate the area. Exclude non - essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 & 8. Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite and place in a suitable container for disposal in accordance with waste regulations. DO NOT allow to enter drains or water courses. Clean preferably with detergent; avoid the use of solvents.

If the product enters drains or sewers, the local water authority should be informed immediately; in case of contamination of streams, rivers or lakes, the Environmental Agency.

7. HANDLING AND STORAGE:

Handling:

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

Electrical equipment should be protected to the appropriate standard. Keeping the container tightly closed. Exclude sources of heat, sparks and naked flames. Non - sparking tools should be used.

Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist.

Smoking, eating or drinking should be prohibited in areas of storage or use.

For personal protection see section 8.

Never use pressure to empty; the container or vessel.

Always keep in containers made of the same material as supply container.

Good housekeeping standards and regular safe removal of waste materials will minimise the risk of spontaneous combustion and other fire hazards,

The product may charge electrostatically. Use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be electrically conductive,

The Manual Handling Operations Regulations may apply to the handling of containers of this product.

Storage:

Store in accordance with conditions of the licence which is necessary under the petroleum (Consolidation) Act. Further guidance is contained in the HSE guidance note "Storage of Flammable Liquids in Containers". Observe the label precautions. Store between 5 and 25 degrees centigrade in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access.

Containers that have been opened should be resealed and kept upright to prevent leakage.

The principles contained in the HSE guidance note "Storage of Packed Dangerous Substances", should be observed when storing this product.

Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION:

Engineering Measures:

Provide adequate ventilation. Where reasonably practical, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

Exposure limits:

Substance	Occupational Exposure Limits				Notations
	8 hour TWA		15 minute STEL		
	ppm	mg/m ³	ppm	mg/m ³	
ETHYLBENZENE	100	435	125	545	
XYLENE	100	435	125	650	sK

Respiratory protection:

Air fed respirators protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and methods cannot reasonably be improved.

Personal protection:

All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Hand protection:

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may also help to protect exposed areas of skin, but are not a substitute for full physical protection. They should not be applied once exposure has occurred.

Eye protection:

Eye protection designed to protect against liquid splashes should be worn.

Skin protection:

Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state:	Viscous Liquid	Vapour Density:	heavier than air
Flash point:	24 degrees centigrade	Solubility in water:	partially miscible
Specific Gravity:	0.900	VOC content (g/l)	745.1
Solids Content:	17 %		

10. STABILITY AND REACTIVITY:

Stable under the recommended storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION;

There is no data available on the product itself.

Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage;

12. ECOLOGICAL INFORMATION:

There is no information available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can effect ground or surface waters.

The Air Pollution Control requirements of regulations made under the Environment Protection Act, may apply to the use of this product.

13. DISPOSAL CONSIDERATIONS:

Wastes, including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environment Pollution Act.

14. TRANSPORT INFORMATION:

For Domestic Road/Rail	Paint Product	UN/S.I. No. 1263
Class: 3	Packing Group 3	IMCO: 3372

ADR Item No. 31 o (c) Transport category 3

15. REGULATORY INFORMATION:

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994, SI No, 1994/3247.

The information contained in this safety data sheet does constitute the user's own assessment of the workplace risks as required by other health and safety legislation. The provisions of the health and Safety at Work Act 1974 and the Control of substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION:

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of the use of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current legislation, It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications

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