

SAFETY DATA SHEET

REF No. CURES/2

Issued Nov 06

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1. PRODUCT AND COMPANY IDENTIFICATION:

TRADE NAME: FLEXCRETE CURING MEMBRANE SB**DESCRIPTION:** Water retaining coating for freshly applied polymer modified repair mortars.**COMPANY:** Flexcrete Technologies Limited, Tomlinson Road, Leyland, Lancashire, PR25 2DY, England.**EMERGENCY TELEPHONE NUMBER: +44 (0) 845 260 7005**

2. COMPOSITION/INFORMATION ON INGREDIENTS:

SUBSTANCES PRESENTING A HEALTH HAZARD WITHIN THE MEANING OF THE CHEMICALS (HAZARD INFORMATION & PACKAGING) REGULATIONS 1994.

INGREDIENT	CONCENTRATION %	CAS NUMBER	HAZARD	R. PHRASES
Trimethylbenzene (mixed isomers)	<25	95-63-3	Xn, N	R10-20-36/37/38-51/53
White spirit	<25	64742-82-1	Xn, N	R65-51/53
Solvent naphtha (Note P)	<40	64742-95-6	Xn	R65
Xylene, mixture of isomers	<2	1330-20-7	Xn	R10-20-38

R10 : Flammable.

R20 : Harmful by inhalation.

R36/37/38 : Irritating to eyes, respiratory system and skin.

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 : Harmful: may cause lung damage if swallowed.

3. HAZARD IDENTIFICATION:*

Xn Harmful by inhalation and may cause lung damage if swallowed.

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

S26-37-46-60 see Section 15

The ventilation of areas close to the application area must be considered in the same way as that of the immediate work area. Do not allow fumes into open windows or ventilation systems.

4. FIRST AID MEASURES:

INHALATION: Can cause distress, e.g. nausea/dizziness, especially when used in confined/unventilated areas. Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration, give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.**SKIN CONTACT:** Remove contaminated clothing. After contact with skin wash immediately with soap and water. Do NOT use solvents or thinners.**EYE CONTACT:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Contact lenses should be removed. Eye wash stations should be available wherever this product is stored or used.**INGESTION:** Do not induce vomiting. Wash mouth out with water and, if conscious, give plenty of water to drink. Seek medical attention.**NOTE** If symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES:

SUITABLE EXTINGUISHER MEDIA: Carbon dioxide, foam or dry powder. Do not use water jet.**EXPOSURE HAZARDS:** Flammable. Fire or decomposition products contain oxides of carbon.**SPECIAL PROTECTIVE EQUIPMENT:** Self contained breathing apparatus should be worn.

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6. ACCIDENTAL RELEASE MEASURES:

- PERSONAL PRECAUTIONS:** Extinguish any naked flames or sources of ignition.
Evacuate personnel from area.
Ensure adequate ventilation. Do not breathe vapour. (S23)
Wear suitable protective clothing, gloves and eye/face protection (S36/37/39)
SEE "EXPOSURE CONTROLS/PERSONAL PROTECTION"
- ENVIRONMENTAL PRECAUTIONS:** If material enters drains or sewers, inform Authorities (Fire Service) immediately.
In case of contamination of streams, rivers or lakes, contact the National Rivers Authority.
- CLEANING UP METHODS:** Absorb liquid on sand or earth.
Transfer to marked sealed containers to await disposal.
Remove residue with solvent.
SEE "DISPOSAL CONSIDERATIONS" and "STABILITY AND REACTIVITY"

7. HANDLING AND STORAGE:

- HANDLING:** Wear suitable gloves. (S37)
Keep away from sources of ignition - No smoking. (S16)
Do not breathe fumes/vapour/spray. (S23)
Ensure good ventilation.
The normal precautions relating to the handling of chemicals must be observed.
SEE "EXPOSURE CONTROLS/PERSONAL PROTECTION"
- STORAGE:** Store tightly closed in original containers.
NO SMOKING. Keep away from naked flames, sparks, hot elements or other ignition sources and oxidizers.
Refer to HS(G) 51 publication on storage of flammable liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:*

WORKPLACE EXPOSURE LIMITS EH40/2005 (Check current edition of EH40 to ensure limits have not changed.)

TWA - Time Weighted Average

STEL - Short Term Exposure Limit

INGREDIENT	REFERENCE PERIOD			
	8 hour TWA		15 minutes STEL	
	ppm	mg/m ³	ppm	mg/m ³
Trimethylbenzene	25	123	---	---
White spirit	100	575	150	720

- RESPIRATORY:** Ensure good ventilation. Use a respirator when using in confined areas with inadequate ventilation or whenever there is any risk of the exposure limits being exceeded. This applies not only to the user, but to all people who cannot be vacated from the work area.
- HAND:** Use heavy duty gloves. Gloves may degrade or be damaged according to different circumstances of use. Always ensure gloves you are using are in good condition. Barrier creams may help to protect exposed areas but are not substitutes for full physical protection. They should not be applied once exposure has occurred.
- EYE:** Eye protection designed to protect against liquid splashes should be worn, e.g. complete enclosure of the eyes to conform to EN 1166 Chemical Grade when there is risk of material entering the eye.
- SKIN:** Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water. Practice good personal hygiene.

ALL PERSONAL PROTECTION EQUIPMENT MUST BE SELECTED TO MEET THE REQUIREMENTS OF THE COSHH REGULATIONS.

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9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	clear liquid	VOLATILE CONTENT:	80% by weight
ODOUR:	characteristics solvent smell (mixed)	VISCOSITY:	69mPa.s
FLASH POINT:	41°C of mixed solvents	SPECIFIC GRAVITY:	0.89
BOILING POINT:	155-195°C of mixed solvents	VAPOUR PRESSURE @ 20°C:	2.4 mm Hg (lowest)
FLAMMABILITY:	flammable	AUTO-IGNITION TEMPERATURE:	225°C (lowest)
FLAMMABLE LIMITS IN AIR: UPPER:	3.0% volume (lowest)	LOWER:	0.6% volume.

10. STABILITY AND REACTIVITY:

STABLE UNDER NORMAL CONDITIONS OF STORAGE (SEE "HANDLING AND STORAGE")

MATERIALS TO AVOID:	Reacts strongly with oxidisers.
CONDITIONS TO AVOID:	Keep away from naked flames, sparks, hot elements or other sources of ignition.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION:

INHALATION:	Will cause irritation to the respiratory system. May cause drowsiness, nausea, dizziness and ultimately unconsciousness.
SKIN:	Irritating to skin. Repeated exposure may cause dermatitis.
EYE:	Vapour and liquid are irritating to eyes.
INGESTION:	Liquid, if ingested, may cause vomiting, nausea, dizziness and unconsciousness.

The engineering controls and personal protection equipment advised in this Safety Data Sheet are to ensure the occupational exposure limits are not exceeded. Should this happen to anyone within the affected area, there could be delayed adverse health effects.

12. ECOLOGICAL INFORMATION:

There is no data on the product itself, but it should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS:

Do not allowed into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with the regulations made under the Control of Pollution Act and the Environmental Protection Act. (Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special regulations apply.)

It is recommended that any surplus of the product should be disposed of by incineration.

DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS

Further information on disposal methods and contractors is available from the National Association of Waste Disposal Contractors.
Tel: 020 7824 8882 Fax: 020 7824 8753

14. TRANSPORT INFORMATION:

UN:	1263 Paint	MARINE POLLUTANT:	Contains trimethylbenzene
IMDG:	Class 3.3 pg iii	EmS:	F-E, S-E
IATA:	Class 3 pg iii flammable liquid	MFAG:	310
ADR:	Class 3 pg iii F1 Special Provision 640E		

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15. **REGULATORY INFORMATION:***

EC HAZARD CLASSIFICATION:	Xn N	Harmful Dangerous for the environment.
RISK PHRASES:	R10 R20 R36/37/38 R51/53 R65	: Flammable : Harmful by inhalation. : Irritating to eyes, respiratory system and skin. : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. : Harmful: may cause lung damage if swallowed.
SAFETY PHRASES:	S26 S37 S46 S60	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. : Wear suitable gloves. : If swallowed, seek medical advice immediately and show this container or label. : This material and its container must be disposed of as hazardous waste.

OCCUPATIONAL EXPOSURE LIMITS AND STANDARDS ARE ADVISED IN PUBLICATION EH40 FROM THE HSE FOR THE PURPOSE OF REGULATION 7(1) OF THE COSHH REGULATIONS.

16. **OTHER INFORMATION:**

TRAINING ADVICE:	The normal precautions relating to the handling of chemicals must be observed.
RECOMMENDED USES:	Spray-on curing compound for polymer modified cementitious mortars.
DATA SOURCES:	EH40/2005 Occupational Exposure Limits 2005. Control of Substances Hazardous to Health Regulations 1995.

THIS SAFETY DATA SHEET FOLLOWS THE REQUIREMENTS OF DIRECTIVE 93/112/EC. THE INFORMATION CONTAINED HEREIN IS CORRECT TO THE BEST OF OUR KNOWLEDGE AT THE DATE OF PUBLICATION AND NO LIABILITY CAN BE ACCEPTED FOR ANY LOSS, INJURY OR DAMAGE RESULTING FROM ITS USE. IT IS INTENDED AS A GUIDE FOR THE SAFE HANDLING, STORAGE AND USE UNDER NORMAL CONDITIONS, BUT IT DOES NOT NECESSARILY REFER TO THE PARTICULAR REQUIREMENT OF THE CUSTOMER WHEN FURTHER ADVICE SHOULD BE OBTAINED.