

## HEALTH AND SAFETY INFORMATION Ronadeck PU Sealer WB

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: Ronadeck PU Sealer WB

Company: Ronacrete Limited  
Flex Meadow  
Merring Way  
Harlow  
Essex CM19 5TD  
Tel: 01279 638700  
Fax: 01279 638701

### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CAS NO.	CONTENTS	HEALTH RISK (CLASS) (R NO.)
Substances presenting a health hazard within the meaning of the chemicals (Hazard information & packaging)			
INGREDIENT	CAS NUMBER	SUBSTANCE HAZARD	SUBSTANCE R PHASE
PRODUCT R PHRASES		CONCENTRATION	PRODUCT HAZARD

**Hazardous ingredients are in quantities too low to require classification of the product under the CHIP Regulations**

### 3. HAZARD IDENTIFICATION:

S39 see section 15

### 4. FIRST AID MEASURES:

Inhalation: Remove to fresh air, keep warm and at rest. Give nothing by mouth.

Ingestion: If swallowed drink plenty of clean water and seek medical advice. Keep at rest. Do not induce vomiting. If taken into mouth and not swallowed, swallow with clean water.

Skin: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritant persists after washing. Do not use solvents or thinners.

Eyes: Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention immediately. Continue to rinse. Eyewash stations should be available wherever the product is stored or used. Contact lenses should be removed.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHER MEDIA:** Powder, foam or CO<sub>2</sub>. Do not use water. A solid stream of water directed into hot burning liquid can cause splattering.

**SPECIAL FIRE FIGHTING PROCEDURES:** Keep up wind to avoid fumes. Air fed breathing apparatus is advised.

**EXPOSURE HAZARDS:** Not flammable, but after evaporation could emit carbon (Sooty) deposits and carbon monoxide and dioxide. Cool closed, exposed containers with water spray. Do not allow run off to enter drains or water courses.

**6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Wear protective equipment as specified in section 8. Avoid contact with eyes. Avoid contact with liquid or vapours. See "EXPOSURE CONTROLS/PERSONAL PROTECTION"

**ENVIRONMENTAL PRECAUTIONS:** Avoid material entering drainage system. Avoid discharge to sewers or natural waters.

**CLEANING UP METHODS:** Collect for disposal. Scrape, soak or wipe bulk. Residue may be removed by detergent, avoid the use of solvent. Avoid Using anything mentioned in section 10 'materials to avoid'. See "DISPOSAL CONSIDERATIONS"

**7. HANDLING AND STORAGE**

**USAGE PRECAUTIONS:** Do not breathe fumes/vapour/spray. Provide adequate ventilation, including forced ventilation in confined spaces such as tanks etc. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation, wear suitable respiratory equipment. Persons with a history of skin sensitization problems should not be employed in a situation where skin contact with this product could occur, nor should those with asthma or similar disorders be exposed to the vapour or spray mist. Good standards of industrial and personal hygiene should be observed.

**STORAGE PRECAUTIONS:** Containers should always be kept upright and tightly sealed to avoid leaking. Open only when ready for use and reseal part used containers, preferably the original container. Do not allow to freeze.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

OCCUPATIONAL EXPOSURE LIMITS EH40/00 (Check current edition of EH40 to ensure limits have not changed).

INGREDIENT	OCCUPATIONAL EXPOSURE STANDARD				MAXIMUM EXPOSURE LIMIT (MEL) REFERENCE PERIOD			
	(OES) REFERENCE PERIOD		(MEL) REFERENCE PERIOD		8 hour TWA		15 minutes STEL	
	8 hour TWA	15 minutes STEL	8 hour TWA	15 minutes STEL	8 hour TWA	15 minutes STEL	8 hour TWA	15 minutes STEL
	ppm	Mg/mj	ppm	MG/mj	ppm	Mg/mo	ppm	MG/mj
n-methyl-2-pyrrolidone	Sk25	103	75	309		0.02		0.07
Triethylamine	10	42	15	63				

**RESPIRATORY:** If the measures detailed in section 7 (HANDLING) are not sufficient to maintain concentration of particulate and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory equipment as shown below should be worn.

Interior use: Particle mask if spraying, to conform to approval number EN149

Inside tanks or similar confined spaces: Organic vapour respirator to conform to approval number EN 405

This applies not only to the user, but to all people who cannot be vacated from the work area.

**HAND:** Use protective gloves. Suitable types are pvc, neoprene or nitrile. Other types may be available and used, avoid those which soak up the product and lead to skin contact. If in doubt seek advice from a reputable manufacturer. Barrier creams may help to protect exposed area but 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 BS 2092 Chemical Grade.

**SKIN:** 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.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Translucent liquid	pH:	8-9
ODOUR/TASTE:	Slightly ammoniacal	SPECIFIC GRAVITY:	1.01@20°C
SOLUBILITY:	miscible	FLASHPOINT:	>100°C
VISCOSITY:	ca 120-mpa.s @25°C	FLAMMABILITY:	Water
Based			
BOILING POINT:	circa 100°C	% NVC:	30% W/W

**10. STABILITY AND REACTIVITY**

**STABILITY:** Normally stable (see "Handling and Storage")

**CONDITIONS TO AVOID:** Do not freeze

**MATERIALS TO AVOID:** Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reactions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon (sooty) deposits plus carbon monoxide, dioxide and oxides of nitrogen.

**11. TOXICOLOGIC INFORMATION**

INHALATION: Can cause distress, especially when used in confined/unventilated areas.

SKIN: May be an irritant to sensitive skins.

EYE: Irritating to eyes

INGESTION: If swallowed would cause discomfort.

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 anybody 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 watercourses.

**13. DISPOSAL CONSIDERATIONS**

Do not allow 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 regulations made under the Control of Pollution 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****14. TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**15. REGULATORY INFORMATION**

ECC HAZARD CLASSIFICATION: Not classified

RISK PHRASES: None

SAFETY PHRASES: S39 Wear eye/face protection.

Occupational exposure limits are advised in publication EH40 from the HSE for the purpose of Regulation 7(1) of the COSHH Regulations.

**16. OTHER INFORMATION**

TRAINING ADVICE: Do not use unless trained to do so.

RECOMMENDED USES: The product is only supplied for use in accordance with uses listed in section 1 (concrete sealing).

DATA SOURCES:

EH40/00 Occupational Exposure Limit 2000  
Control of substances Hazardous to Health Regulations  
1988. (consolidated Jan 95).