

MATERIAL SAFETY DATA SHEET : PROTECTAKOTE CLEAR PRIMER TREATMENT

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

NAME: PROTECTAKOTE CLEAR PRIMER TREATMENT

C.A.S. No: N/A, mixture

IN EMERGENCY CONTACT: THE TECHNICAL MANAGER, ZEST POLYURETHANES. TELEPHONE: +27 (021) 555-3090

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION: MIXTURE

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

XYLENE (XYLOL) 35-45%	EECLabels: Xn, Xi R10,20/21,38	OEL 435. mg RL+"S"
BUTYL ALCOHOL 25%	EECLabels: XN R10,20	OEL 150 mg RL "S"
AMINOPROPYL TRIETHOXY SILANE 5%	EECLabels: R22, R34	OEL N/A

(CL/RL = Controlled/Recommended level "S" = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION

Harmful if swallowed

SECTION 4. FIRST AID MEASURES

INHALATION: Move to fresh air. In case of any discomfort seek medical attention immediately.

SKIN: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.

EYES: Rinse immediately with plenty of water. Seek medical advice.

INGESTION: Wash mouth with plenty of water. Do NOT induce Vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Flammable.

Suitable extinguishing media: Foam. CO₂, dry powder. Do NOT use water jets.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5,8 & 13

Contain & collect. Keep out of drains and sewers. Soak up with inert absorbent material. Shovel into suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

FLAMMABLE. No open flames. No smoking.

OPEN WITH CARE! Cover lid / bung with a cloth while releasing pressure.

DISPOSAL: Consult local regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OEL/TWA: not established TYPE: MIXTURE See Section 2. "Skin" annotation

SAPMA RATING: 2-H-J PPE: Glasses, gloves. If spraying in confined space use cartridge-type half face breathing apparatus with charcoal cartridge filter for organic fumes (xylene.)

INHALATION: Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

SKIN: Use barrier cream and impervious gloves.

EYES: Use face shield or goggles. Avoid direct contact.

INGESTION: Observe the rules of hygiene. Wash before eating, drinking or smoking.

Appropriate hand protection and protective clothing must always be used

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL CLASS: SILANE APPEARANCE: LIQUID

ODOUR: XYLENE DENSITY: 0.95 VISCOSITY: <5 Cp NON-VOLATILE: 10%

FLASH POINT: >200°C BOILING POINT: 140°C SOLUBILITY:- WATER

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SECTION 10. STABILITY AND REACTIVITY

STATIC: Could produce static discharge - use earthing

STABILITY: Stable if stored under normal conditions.

SOLUBILITY IN WATER: not soluble, reacts.

SECTION 11. TOXICOLOGICAL INFORMATION

Component data AMINOPROPYL TRIETHOXY SILANE

Acute oral toxicity: LD50 rat male
Dose: 2.830mg/kg

LD50 rat female
Dose: 1.57mg/kg

Acute dermal toxicity: LD50 rabbit
Dose: 4.290mg/kg

Skin irritation: rabbit
Result: Severe irritation and corrosive

Eye irritation: rabbit
Result: Severe irritation, corneal injury

SECTION 12. ECOLOGICAL INFORMATION

This product degrades through hydrolysis into alcohols and silanol- and/or siloxanol compounds.

SECTION 13. DISPOSAL CONSIDERATIONS

Product: Can be incinerated, when in compliance with local regulations.

Contaminated packaging: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

UN No: 1263 PACKAGING GROUP: III IMO CLASS: 3.3 MARINE POLLUTANT CLASS: P

EA CODE: 127 HAZCHEM CODE: 3 Y KEMLER: 33

PROPER SHIPPING NAME: PAINT

SECTION 15. REGULATORY INFORMATION

EC LABEL NAME: PAINT EC CLASSIFICATION: Flammable. Harmful.

EC SYMBOLS: XN HARMFUL Xi: IRRITANT

EC Risk phrases: R10 Flammable
R36/37/38 Irritating to eyes, respiratory system and skin
R42 May cause sensitisation by inhalation
R51 Toxic to aquatic organisms
R65 Harmful: May cause lung damage if swallowed.

EC Safety phrases: S24/25 Avoid contact with skin and eyes
S42 During spraying wear air supplied respirator.
S43 In case of fire, use water fog, foam or powder - Do not use water jets!
S62 If swallowed, do not induce vomiting : seek medical advice immediately show this container or label.

SECTION 16. OTHER INFORMATION

R-phrases, which are listed in sections 2 and 15.

This MSDS conforms with General Administrative Regulations dated 6 Sept. 1996.
(ISO-11014/ANSIZ400.1.1996)

All information is given in good faith but without guarantee in respect of accuracy.

No responsibility is accepted for errors or omissions or the consequences thereof.

These recommendations were extracted from the EcoChem database using the HAZMAN programme.