

MATERIAL SAFETY DATA SHEET

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NAME: ROCKGRIP BONDING LIQUID**REF. CODE: R414-0800****DATE: 2011-12-29****SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION****NAME: ROCKGRIP BONDING LIQUID CLEAR****REF. CODE: R414-0800****MANUFACTURER: ICI DULUX (PTY) LTD; PAINTS PLACE; DICKENS ROAD; UMBOGINTWINI; 4126.****PHONE NUMBERS: 011-861-1000; 031-904-8000. FAX NUMBERS: 011-908-5204; 031-904-8196****C.A.S. No.: PREPARATION****E.C. No.:****E.C. LABEL:****UN/SIN No.: 1263****EAC: 127****HAZCHEM: 3[Y]****HAZARD RATING: F N 3****SAPMA: 3-H-E****IN EMERGENCY CONTACT:****P MOODLEY****AT PHONE: 031 904 8164****SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS****EC CLASSIFICATION: XI R10,43 S16,28,33,38****ALIPHATIC SOLVENT >50% CAS 8052-41-3 EEC Labels: F, R10 OEL: 575mg/m³ RL*S****TOLUENE (TOLUOL) <5% CAS 108-88-3 EEC Labels: HF,XN,R11,20 OEL 188mg/m³ RL*S****NO OTHER HAZARDOUS COMPONENTS PRESENT****LEAD CONTENT - TOTAL: 0.0 Soluble: 0.0 SOLUBLE ON NV. 0.0****See Section 15 for full text of R (risk) and S (safety) phrases. RL = recommended limit; *S = skin absorption****SECTION 3. HAZARDS IDENTIFICATION****SAPMA HEALTH RATING: 3-SLIGHT - Irritation or minor reversible injury possible.****INHALATION: Irritating, narcotic. Can affect CNS.****SKIN: Possible skin sensitiser. Irritating, risk of dermatitis. May be absorbed.****EYES: Irritating.****INGESTION: Irritating.****NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED****May have short-term environmental effects. Contain, monitor & remove.****SECTION 4. FIRST AID MEASURES****INHALATION: Move to fresh air. In case of discomfort seek medical attention.****SKIN: Use hand cleaner or plenty of soap and water. Remove contaminated clothing.****If any discomfort persists, seek medical advice.****EYES: Rinse immediately with plenty of water. Seek medical advice if symptoms persist.****INGESTION: Give plenty of water or milk. DO NOT INDUCE VOMITING! Seek medical advice.****SECTION 5. FIRE FIGHTING MEASURES****FIRE RATING: Flammable - Flash point 37°C****REACTIVITY: Inert - No reaction with fire-fighting water.****EXTINGUISH: Foam. CO₂. Dry powder. Fog to cool and control. Do NOT use water jets.****EXPLOSION: Cool containers in case of fire.****SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5,8 & 13
CONTAIN & COLLECT. KEEP OUT OF DRAINS & SEWERS.****SECTION 7. HANDLING AND STORAGE****STORAGE: Store separately from any reactive substances - oxidisers in particular.****FIRE: No open flames. No smoking.****EXPLOSION: Keep containers cool. Avoid free fall of liquid - use earthing.****This MSDS conforms to SABS ISO 11014-1: 1994 (ISO-11014/ANSI Z400.1.1996)****OEL's derived from OHS Act Regulations for Dangerous Chemical Substances dated 25 August 1995 (EH-42)****SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991).**

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OEL.TWA: 100ppm TYPE: Mixture See Section 2 "Skin"
SAPMA RATING: 3-H-E PPE: Respirator & suitable eye protection
INHALATION: In case of insufficient ventilation, use suitable respiratory protection.
SKIN: Possible skin sensitiser. Use barrier cream and impervious gloves.
EYES: Use face shield & goggles or full-face respirator/hood. 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: PAINT PRODUCT
APPEARANCE: CLEAR VISCOUS LIQUID ODOUR: MILD
pH: N/A DENSITY: 0.78 – 0.82 NON-VOLATILE: 15 - 18%
FLASH POINT: 37°C TCC EXPLOSIVITY: 1.0 /8.7 %
FLAMMABILITY: Flammable - Flash point < 63°C BOILING POINT/RANGE: 160 - 200°C
SOLUBILITY: WATER: Insoluble OIL: Miscible
PARTITION COEFFICIENT (N-OCTANOL/WATER): N/E CONDUCTIVITY: N/A

SECTION 10. STABILITY AND REACTIVITY

STATIC: Could produce static discharge - use earthing
STABILITY: Stable if stored under normal conditions. Hazardous polymerisation will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED Possible skin sensitiser
LD₅₀ ORAL: mg/kg LD₅₀ SKIN: mg/kg LC₅₀ INHALATION: mg

SECTION 12. ECOLOGICAL INFORMATION

May have short-term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL CONSIDERATIONS

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN No.: 1263 PACKING GROUP: III HAZCHEM CODE: 3[Y] EA CODE: 127
IMO CLASS: 3.3 PAINT RELATED MATERIAL MARINE POLLUTANT CLASS: Y

SECTION 15. REGULATORY INFORMATION

EC INDEX No.: EEC LABEL No. (EINECS/ELINCS): XI Irritant
R10 Flammable
R43 May cause sensitisation by skin contact
S16 Keep away from sources of ignition - No smoking
S28 After contact with skin, wash immediately with plenty of soap and water, or use approved hand cleaner.
S33 Take precautionary measures against static discharges.
S38 In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
THIS SUBSTANCE IS A POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

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.