

NAME: DULUX TRADE HICHEM ENAMEL**CODE: M388-0XXX****DATE: 2011-12-29****SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION**

NAME: DULUX TRADE HICHEM ENAMEL

CODE: M388-0XXX

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: 2-H-E

EPOXY ENAMEL BASE, SUPPLIED WITH SEPARATE POLYAMIDE CURING AGENT

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

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

XYLENE (XYLOL) 9 - 20% CAS 1330-20-7 EEC Labels: XN R10,20/21,38 OEL 435. mg/m³ RL*SAROMATIC SOLVENT 9 - 20% CAS 95-63-6 EEC Labels: R10,20 OEL 123 mg/m³ RL*S2-BUTOXYETHANOL 5 - 12% CAS 111-76-2 EEC Labels: R10,20/21/22,37 OEL 120 mg/m³ S

These products contain "NO ADDED LEAD" and measured Lead levels are below 90µg/g

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: 2-MODERATE - Temporary or minor injury possible even if treated.

INHALATION: Irritating, narcotic. Can affect CNS.

SKIN: 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 severe cases 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.

INGESTION: Give plenty of water or milk. DO NOT INDUCE VOMITING. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

FIRE RATING: Flammable with toxic fumes.

REACTIVITY: Inert - no reaction with fire fighting water.

EXTINGUISH: Foam, CO₂, dry powder. Fog to cool & control. Do NOT use water jets.

EXPLOSION: Containers can burst in fire. Can form explosive vapour/air mixture. Static discharge hazard!

**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).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OEL.TWA: 100.ppm TYPE: Mixture See Section 2 "Skin"
SAPMA RATING: 2-H-E PPE: Respirator & suitable eye protection
INHALATION: Ensure adequate ventilation or use suitable respiratory protection.
SKIN: 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.
GENERAL: Appropriate hand protection and protective clothing must always be used.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL CLASS: PAINT PRODUCT
APPEARANCE: COLOURED VISCOUS LIQUID ODOUR: PUNGENT
DENSITY: 1.10 - 1.25 VISCOSITY: 60 – 75 KREBS U NON-VOLATILE: 57 - 63%
FLASH POINT: 25 °C SOLUBILITY: WATER: Insoluble OIL: Miscible
PARTITION COEFFICIENT (N-OCTANOL/WATER): N/E CONDUCTIVITY: N/E

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

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: EXEMPT HAZCHEM CODE: 3[Y] EA CODE: 127
IMO CLASS: 3.3 PAINT MARINE POLLUTANT CLASS: 1

SECTION 15. REGULATORY INFORMATION

EC INDEX No.: EEC LABEL No. (EINECS/ELINCS): XN Harmful
R10 Flammable
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
S16 Keep away from sources of ignition - No smoking
S24/25 Avoid contact with skin and eyes
S38 In case of insufficient ventilation, wear suitable respiratory equipment
P4 Contains epoxide constituents

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
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.