

MATERIAL SAFETY DATA SHEET

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NAME: DULUX TRADE TUFFCOTE EPOXY FINISH REF. CODE: M388 2XXX DATE: 2011-12-29**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION****NAME: DULUX TRADE TUFFCOTE EPOXY FINISH REF. CODE: M388-2xxx**

This MSDS covers M388-2631 Light Grey and M388-2734 Dairy White

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.: NONE EC No.: NONE EC LABEL: NONE****UN/SIN No.: N/A EAC: HAZCHEM: N/A****HAZARD RATING: N N 2 SAPMA: 4-H-C**

Tuffcote colours are dual-pack products, comprising a dispersion of inert pigments in Epoxy resin in the small upper container, and an aqueous solution of a Polyamide resin in the larger base container. The two containers must be mixed together thoroughly before use. The information in Section 9 applies to the mixed product.

IN EMERGENCY CONTACT: P MOODLEY AT PHONE: 031 904 8164**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS****EC CLASSIFICATION: NOT CLASSIFIED****EPOXY RESIN Mn ±700 20 - 50% CAS 25068-38-6 EEC Labels: R36/38,43,51/53 OEL None****NO OTHER HAZARDOUS SUBSTANCES PRESENT**

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: 4-MINIMAL - No great risk to health.****INHALATION: No adverse effects anticipated.****SKIN: May cause sensitisation. Direct contact to be avoided.****EYES: Can cause damage.****INGESTION: Irritating and nauseating.****NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED**

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

SECTION 4. FIRST AID MEASURES**INHALATION: Move to fresh air.****SKIN: Always wash after being in contact with chemical substances.****EYES: Rinse with plenty of water. Seek medical advice if symptoms persist.****INGESTION: Give plenty of water or milk. Induce vomiting if patient is conscious. Get medical advice.****SECTION 5. FIRE FIGHTING MEASURES****FIRE RATING: Dried residues can be combustible with evolution of toxic fumes.****REACTIVITY: No reaction with fire fighting water. Non-flammable****EXPLOSION: No explosion hazard expected****SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5,8 & 13**

Collect as much as possible. Wash residue to sewers/effluent with plenty of water. Keep out of storm water drains.

SECTION 7. HANDLING AND STORAGE

Inert substance with no special requirements for hazard containment.

Non hazardous No explosion hazard expected.

This MSDS conforms to SABS ISO 11014-1:1994 (ISO 11014/ANSI Z 400.1.1996)

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).

NAME: DULUX TRADE TUFFCOTE EPOXY**REF. CODE: M388 2XXX****DATE: 2011-12-29****SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

SAPMA RATING: 4-H-C

PPE: Eye protection is necessary

INHALATION: In case of insufficient ventilation, use suitable respiratory protection.

SKIN: Can cause sensitisation. Observe the rules of hygiene. Wash before eating, drinking or smoking.

EYES: Avoid direct contact. Never touch eyes with dirty hands or gloves.

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: EMULSIFIED EPOXY PAINT

APPEARANCE: COLOURED EMULSION

pH: 6.5 – 8.5

DENSITY: 1.30

VISCOSITY: PASTE

NON-VOLATILE: 57 - 65%

SOLUBILITY:

WATER: Miscible

OIL: insoluble

FLASH POINT:

NONE

BOILING POINT: >100°C

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable if stored under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

NO CARCINOGENIC, MUTAGENIC OR OTHER GENETIC EFFECTS ESTABLISHED

LD₅₀ ORAL: mg/kg (rat)LD₅₀ SKIN: mg/kg (rabbit)LC₅₀ INHALATION: mg**SECTION 12. ECOLOGICAL INFORMATION**

Toxic to aquatic organisms and may cause long term environmental effects.

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

SECTION 13. DISPOSAL CONSIDERATIONS

Can be eliminated from sewage/effluent by chemical flocculation.

EXERCISE DISCRETION IN THE DISPOSAL OF USED CONTAINERS.

SECTION 14. TRANSPORT INFORMATION

UN No.: NONE PACKING GROUP: N/A

HAZCHEM CODE: N/A EA CODE: NONE

IMO CLASS: N/A

NON HAZARDOUS

SECTION 15. REGULATORY INFORMATION

EC INDEX No.: EEC LABEL No. (EINECS/ELINCS):

R36/38 Irritating to the eyes and skin

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms and may cause long term environmental effects

S24/25 Avoid contact with skin and eyes

P4 Contains epoxide constituents

SECTION 16. OTHER INFORMATION**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