



*** Product Safety Data Sheet ***

Version: 1
Date: July 2011

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT A931-65968
NUMBER:
PRODUCT NAME : Dulux Total Effect Odorless Primer

Supplied by : Akzo Nobel Swire Paints Ltd.
 Suite 2806 Island Place Tower
 510 King's Road
 North Point, Hong Kong

Emergency Telephone: (852) 2823-1388

INTENDED USE

Akzo Nobel's decorative products are intended for use in the decoration of buildings surfaces. Refer to product label for details of areas of use and methods of application.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a physico-chemical, health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or which are assigned occupational exposure limits.

EC No.	CAS No.	HAZARDOUS INGREDIENTS	%	CLASSIFICATION
200-338-0	57-55-6	PROPYLENE GLYCOL	1.0-2.5	
	55965-84-9	5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC No 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC No 220-239-6] (3:1)	< 1.0	N, T R23/24/25-34-43-50/53

Note: The text for R phrase codes shown above (if any) is given in section 16.

Note: 'EC Number' if quoted is the EINECS or ELINCS number.

3. HAZARDS IDENTIFICATION

This product has been assessed under the Dangerous Preparations Directive (1999/45/EC) and is classified as follows:

Indication(s) of Danger

None

Symbol Letter(s)

None

Category(ies) of Danger

Sensitising (Contact With Skin)

Warning Label Phrases

None

Information on Occupational Exposure Limits is given in Section 8.

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4. FIRST-AID MEASURES

In all cases of doubt, or where symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
 INHALATION: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious place in the recovery position. Seek medical advice.
 EYE CONTACT: Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding lids apart. Seek medical advice.
 SKIN CONTACT: Remove contaminated clothing, wash skin thoroughly with soap and water, or use a proprietary skin cleanser. Do not use solvents or thinners. Seek medical advice if symptoms persist.
 INGESTION: If accidentally swallowed, DO NOT INDUCE VOMITING. Keep at rest and obtain medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Recommended - alcohol resistant foam, CO2, powders.
 Not to be used - waterjet.
 Recommendations : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Fire fighters should wear self-contained breathing apparatus.
 Closed containers exposed to fire should be cooled with water. Do not allow run-off from fire-fighting to enter drains or water-courses.

6. ACCIDENTAL RELEASE MEASURES

Exclude non-essential personnel.
 Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in section 8.
 Contain and collect spillage with non-combustible absorbent materials, eg sand, earth, vermiculite or diatomaceous earth, and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING CONDITIONS: Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in storage and use areas. For personal protection, see Section 8. Always keep in containers made of the same material as the supply container, or in containers that are compatible with the product.
 STORAGE CONDITIONS: Observe the label precautions. Store in a cool, dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Do not use or store any paint container by hanging on a hook.
 SPECIFIC USE(s): Where applicable refer to the product label and literature for the application and use instructions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

HAZARDOUS INGREDIENT	TLV-TWA ppm	TLV-TWA mg/m3	STEL (15min) ppm	STEL (15min) mg/m3	Notes
5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC No 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC No 220-239-6] (3:1)		0.076		0.23	SUP

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TLV-TWA - Time Weighted Average Threshold Limit Values

STEL - Short Term Exposure Limit

C - Ceiling Value

SUP - Manufacturer's recommended limit

Sk - Risk of absorption through unbroken skin

rd - As respirable dust

id - As inhalable dust

rq - As respirable quartz

Pb - As Lead

Cr - As Chromium

SEN - Potential for worker sensitisation as a result of dermal contact.

Further guidance on exposure limits and assessment of occupational exposure to harmful materials (including mixed exposures) is given in TLVs and BEIs, available from ACGIH worldwide.

EXPOSURE CONTROLS

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of local regulations.

RESPIRATORY PROTECTION: Avoid the inhalation of vapour, particulates and spray mist. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and solvent vapour below the occupational exposure limit, respiratory protection must be worn.

The selection of respiratory equipment should be in accordance with local regulations.

When spray applying, suitable respiratory equipment with positive air supply should be used in cases of insufficient ventilation or where operational procedures demand it. Ensure compliance with local regulations.

HAND PROTECTION: Wear suitable gloves for protection against materials in section 2.

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed.

EYE PROTECTION: Eye protection designed to protect against liquid splashes should be worn.

SKIN PROTECTION: Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

ENVIRONMENTAL EXPOSURE CONTROLS: See section 12 for detailed information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State :	Liquid	
Flash Point :	Non Flash	°C
Specific Gravity :	1.249	
Water Miscibility :	Yes	
pH :	8.5	
Viscosity :	N/A	(ISO 6mm Range)

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10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Extremes of temperature.

MATERIALS TO AVOID: Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The product has been assessed following the conventional method in the Dangerous Preparations Directive and is classified for toxicological hazards accordingly.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

Over-exposures of vapour are irritating to eyes and respiratory system. Excessive concentrations may produce effects on the central nervous system including drowsiness. In extreme cases loss of consciousness may result. Long term exposure to vapour concentrations in excess of quoted OELs may result in adverse health effects. Splashes entering the eye will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

12. ECOLOGICAL INFORMATION

There is no specific data available on the product itself.

The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act 1989.

Products classified as Marine Pollutants are indicated as such under Transport (section 14).

Products classified as Dangerous For the Environment are indicated as such in sections 3 and 15.

Any substances in the product that are classified as Dangerous for the Environment, present at concentrations above those requiring listing are given in section 2.

13. DISPOSAL CONSIDERATIONS

Disposal according to HK regulation CAP 354 Waste Disposal Ordinance and CAP 354C Waste Disposal (Chemical Waste)(General) Regulation.

14. TRANSPORT INFORMATION

Transport within user's premises:

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport to be in accordance with ADR for road, IMDG for sea. The transport classifications provided in this section are not valid for transport by Air. Please call the number in section 1 of this safety data sheet to obtain more information on this products classification for Air transport.

ADR Classification Information

UN Number : 0000
Proper Shipping Name : UN NUMBER NOT
REQUIRED
Hazard Class : EX
Sub-Hazard Class :
Packing Group : EX

IMDG Classification Information

UN Number : 0000
Proper Shipping Name : UN NUMBER NOT
REQUIRED
Hazard Class : EX
Sub-Hazard Class :
Packing Group : EX

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Technical Name (NOS
only) :
Ltd Qty Code :
Packing Instructions :

Technical Name (NOS
only) :
Ltd Qty Maximum :
Packing Instructions :
Marine Pollutant if indicated
here:
Emergency Schedule No :
Flashpoint : Non Flash

15. REGULATORY INFORMATION

This product has been assessed under the Dangerous Preparations Directive (1999/45/EC) and is classified as follows:

NAMED SUBSTANCES

Contains

No substances are required to be named in this section.

INDICATION(S) OF DANGER

None

SYMBOLS LETTER(S)

None

WARNING LABEL PHRASES:

S2 Keep out of the reach of children.
S24 Avoid contact with skin.
S37 Wear suitable gloves.

Where 'J'and/or 'P' phrases are denoted, these are ICI Paints or paint industry reference codes to additional phrases.

16. OTHER INFORMATION

Text for R Phrases shown in section 2 describing each ingredient:

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information in this safety data sheet is required in pursuant to national regulations implementing Directive 91/155/EEC and its amendments (Directive 93/112/EC and Directive 2001/58/EC).

The information on this sheet is not a specification: it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, use and disposal of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions and recommendations are not followed.

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Type of Regulated Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation
of Hong Kong: [Primers, sealers and undercoaters]
香港空氣污染管制(揮發性有機化合物)條例下受規管漆料的類別: [底漆、封固底劑及中層底漆]
VOC content (ready to use) = 27 gm/litre 揮發性有機化合物含量(即用狀態) = 27 克/公升

Akzo Nobel Swire Paints in HK is part of Akzo Nobel and a member of the Akzo
Nobel Paints World Group.

*** END ***