

# SAFETY DATA SHEET

## Envirogard M770 Water Based Finish

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME Envirogard M770 Water Based Finish  
SUPPLIER Leighs Paints  
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### 2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

CLASSIFICATION (1999/45) R43.

#### ENVIRONMENT

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

#### HUMAN HEALTH

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Propane-1,2-diol	200-338-0	57-55-6	<2.5%	-
AMMONIA ...%	215-647-6	1336-21-6	< 1%	C;R34 N;R50
1,2-BENZISOTHIAZOL-3(2H)-ONE	220-120-9	2634-33-5	< 1%	Xn;R22 R43 Xi;R38,R41 N;R50

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

General first aid, rest, warmth and fresh air. Never give liquid to an unconscious person. Get medical attention if any discomfort continues.

#### INHALATION

Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention. Place unconscious person on the side in the recovery position and ensure breathing. If respiratory problems, artificial respiration/oxygen.

#### INGESTION

DO NOT induce vomiting. Get medical attention immediately. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

# Envirogard M770 Water Based Finish

## SKIN CONTACT

Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Get medical attention if any discomfort continues.

## **5 FIRE-FIGHTING MEASURES**

### EXTINGUISHING MEDIA

Do not use water jet as an extinguisher, as this will spread the fire. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Cool containers exposed to flames with water until well after the fire is out. Avoid breathing fire vapours. When heated and in case of fire, harmful vapours/gases may be formed.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **6 ACCIDENTAL RELEASE MEASURES**

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Warn everybody of potential hazards and evacuate if necessary. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. Store in a cool and well-ventilated place. Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

## **7 HANDLING AND STORAGE**

### USAGE PRECAUTIONS

May cause skin irritation/eczema. May cause sensitisation by skin contact. Risk of vapour concentration on the floor and in low-lying areas. Eliminate all sources of ignition. Use non sparking handtools and explosion-proof electric equipment. Keep containers tightly closed. Keep away from heat, sparks and open flame. Ventilation and extraction must be arranged so that all parts of the workplace are properly ventilated i.e. there are no recesses or pockets where high vapour concentrations are allowed to build up. If there is any doubt about the adequacy of the ventilation/extraction of solvent vapour, regular monitoring of confined workplaces should be carried out. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Do not eat, drink or smoke when using the product. Wear protective clothing as described in Section 8 of this safety data sheet. Never use pressure to empty; the container is not a pressure vessel. Keep in original container. Good housekeeping standards, regular safe removal of waste materials and regular maintenance of spray booth filters will minimise the risks of spontaneous combustion and other fire hazards. Contaminated rags and cloths must be put in fireproof containers for disposal. The following guide weight indicators are given to enable users to carry out manual handling assessments. 5 litre can = 6.0 - 7.0 kg. 20 litre pail = 24.0 - 28.0 kg. This figure may vary with shade. Avoid frost.

### STORAGE PRECAUTIONS

Observe the label precautions. Store in closed original container at temperatures between 5°C and 25°C. Store in a cool and well-ventilated place. Keep away from sources of ignition - No smoking. Containers which are open should be properly re-sealed and kept upright to prevent leakage. Avoid contact with oxidising agents. Keep away from heat, sparks and open flame. Avoid frost. Store in accordance with local regulations.

### STORAGE CLASS

Store in accordance with local regulations.

## **8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

# Envirogard M770 Water Based Finish

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
Propane-1,2-diol		150 ppm	474 mg/m3			

## INGREDIENT COMMENTS

SUP = Supplier's recommendation.

## PROTECTIVE EQUIPMENT



## PROCESS CONDITIONS

Provide eyewash station.

## ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. All handling to take place in well-ventilated area.

## RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear full face mask supplied with: Gas cartridge suitable for organic substances. In case of inadequate ventilation, use air-supplied full-mask. Do not use in confined spaces without adequate ventilation and/or respirator.

## HAND PROTECTION

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

## EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

## OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

## HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SKIN PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Wear suitable protective clothing as protection against splashing or contamination.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<u>APPEARANCE</u>	Viscous liquid		
<u>COLOUR</u>	Varying		
<u>ODOUR</u>	Characteristic		
<u>SOLUBILITY</u>	Miscible with water		
<u>BOILING POINT (°C)</u>	100°C	<u>RELATIVE DENSITY</u>	1.2
<u>VISCOSITY</u>	1.7 - 2.5 poise BS3900:Part A7 at 20°C		

## 10 STABILITY AND REACTIVITY

# Envirogard M770 Water Based Finish

## STABILITY

No particular stability concerns. Follow precautions for safe handling described in this safety data sheet. Stable under the prescribed storage conditions.

## CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers. Avoid frost.

## MATERIALS TO AVOID

Strong acids. Strong alkalis. Strong oxidising substances.

## HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION

No information available.

### GENERAL INFORMATION

Prolonged contact may cause dryness of the skin.

### INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

### INGESTION

Gastrointestinal symptoms, including upset stomach. May cause stomach pain or vomiting.

### SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact. Irritating to skin. Harmful in contact with skin.

### EYE CONTACT

Irritating and may cause redness and pain.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

There are no data on the ecotoxicity of this product. The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### BIOACCUMULATION

No data available on bioaccumulation. The product does not contain any substances expected to be bioaccumulating.

### WATER HAZARD CLASSIFICATION

WGK 1

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste, residue, empty containers, discarded work clothes and used disposable towels must be collected in designated receptacles, labelled with content. Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

### DISPOSAL METHODS

Contact specialist disposal companies. Dispose of waste and residues in accordance with local authority requirements. Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

## 14 TRANSPORT INFORMATION

### GENERAL

Not regulated.

## 15 REGULATORY INFORMATION

### LABELLING

# Envirogard M770 Water Based Finish



Irritant

## CONTAINS

1,2-BENZISOTHIAZOL-3(2H)-ONE

## RISK PHRASES

R43 May cause sensitisation by skin contact.

## SAFETY PHRASES

S23 Do not breathe vapour/spray.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S38 In case of insufficient ventilation, wear suitable respiratory equipment.

S60 This material and its container must be disposed of as hazardous waste.

S36 Wear suitable protective clothing.

## NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)

## **16 OTHER INFORMATION**

### GENERAL INFORMATION

Restricted to professional users. Only trained personnel should use this material.

REVISION DATE 18/08/2010

REV. NO./REPL. SDS 11

### GENERATED

### RISK PHRASES IN FULL

R34 Causes burns.  
R22 Harmful if swallowed.  
R37 Irritating to respiratory system.  
R38 Irritating to skin.  
R43 May cause sensitisation by skin contact.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.

## DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.