

# SAFETY DATA SHEET POLYURETHANE FLOOR PAINT

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

PRODUCT NAME PRODUCT Supercoat Extra floor paint

POLYURETHANE FLOOR PAINT PF-PN

Direct Express Coatings

Tel (uk+44) 7853 666 735

## 2 HAZARDS IDENTIFICATION

Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) R10, R52/53.

ENVIRONMENT

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

PHYSICAL AND CHEMICAL HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

Name

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

COBALT CARBOXYLATE

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED

ETHYL METHYL KETOXIME

NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY

EC No.

237-015-9

265-149-8

202-496-6

265-185-4

CAS-No.

13586-82-8

64742-47-8

96-29-7

64742-82-1

Content

< 1%

30-60%

< 1%

10-30%

Classification (67/548)

Xn;R22. Xi;R38. N;R51/53. R43.

Xn;R65

Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41

Xn;R65. N;R51/53. R10,R66.

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. Do not give victim anything to drink if he is unconscious. Get medical attention if any discomfort continues.

INHALATION

Place unconscious person on the side in the recovery position and ensure breathing. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

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. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

## POLYURETHANE FLOOR PAINT

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc. DO NOT use water if avoidable. SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

#### SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

#### 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. ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

#### SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers.

Wash contaminated area with water. Wash thoroughly after dealing with a spillage.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Do not use contact lenses. Avoid spilling, skin and eye contact. Eye wash facilities and emergency shower must be available when handling this product. During application and drying, solvent vapours will be emitted. STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Store under well-ventilated conditions at a temperature below 25°C. STORAGE CLASS

Flammable liquid storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits 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.

#### HAND PROTECTION

Protective gloves and goggles must be used if there is a risk of direct contact or splash.

#### EYE PROTECTION

Contact lenses should not be worn when working with this chemical! Wear approved safety goggles.

#### OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station and safety shower.

#### Name

NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY

#### Std

#### OES

TWA - 8 hrs

600 mg/m<sup>3</sup>

STEL - 15 min

#### Notes

## POLYURETHANE FLOOR PAINT

### HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### APPEARANCE

#### RELATIVE DENSITY

#### VOLATILE ORGANIC COMPOUND (VOC)

Viscous liquid

0.88 to 1.10

420 TO 450 grams per Litre

#### FLASH POINT (°C)

23 - 55°C

### 10 STABILITY AND REACTIVITY

#### STABILITY

No particular stability concerns.

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances. HAZARDOUS

#### DECOMPOSITION PRODUCTS

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

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

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

Gastrointestinal symptoms, including upset stomach.

#### SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

#### EYE CONTACT

Irritating and may cause redness and pain.

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

#### DISPOSAL METHODS

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Make sure containers are empty before discarding (explosion risk).

### 14 TRANSPORT INFORMATION

PROPER SHIPPING NAME PAINT UN NO. ROAD 1263 ADR PACK GROUP III

### 15 REGULATORY INFORMATION

#### ADR CLASS

#### TUNNEL RESTRICTION CODE

Class 3: Flammable liquids. (E)

#### RISK PHRASES

R10 R52/53

Flammable.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## POLYURETHANE FLOOR PAINT

Use only in well-ventilated areas.

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

Contains COBALT CARBOXYLATE,ETHYL METHYL KETOXIME. May produce an allergic reaction.

S51 S60 P14

### NATIONAL REGULATIONS

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

### 16 OTHER INFORMATION

#### REVISION COMMENTS

Replaces MSDS from the old system.

REVISION DATE 08/05/2008

REV. NO./REPL. SDS GENERATED 1

#### RISK PHRASES IN FULL

R10 Flammable.

21. R21 Harmful in contact with skin.

22. R22 Harmful if swallowed.

R38 Irritating to skin.

40. R40 Limited evidence of a carcinogenic effect.

41. R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65. R65 Harmful: may cause lung damage if swallowed.

66. R66 Repeated exposure may cause skin dryness or cracking.

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.

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