

Printing Date: 24.04.2006

Reviewed On: 24.04.2006

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

### PRODUCT DETAILS

Trade name: **Primer B1**

**Manufacturer/supplier:**

Grace Construction Products  
Ajax Avenue,  
Slough,  
Berks.  
SL1 4BH

Tel: ++44 (0)1753 692929

Fax: ++44 (0)1753 691623

[www.graceconstruction.com](http://www.graceconstruction.com)

**Information in case of emergency:** ++ 44 (0)208 762 8322

## 2 COMPOSITION/INFORMATION ON INGREDIENTS


### CHEMICAL CHARACTERIZATION

**Description:**

Mixture of substances listed below with non-hazardous additions.

For further information, please refer to the product technical data sheet.

**Dangerous components:**

CAS: 1330-20-7	Xylene	 Xn; R 10-20/21-38	50-100%
EINECS: 215-535-7			

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## 3 HAZARDS IDENTIFICATION

**Hazard description:**



Xn Harmful

**Information concerning particular hazards for human and environment:**

The product has to be labelled in accordance with applicable regulations.

R 10 Flammable.

R 20/21 Harmful by inhalation and in contact with skin.

R 38 Irritating to skin.

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**4 FIRST-AID MEASURES****General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:**

Take affected persons into fresh air and keep quiet.

Seek immediate medical advice.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

**After eye contact:**

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

**After swallowing:**

Wash out mouth with water.

Do not induce vomiting; call for medical help immediately.

Never give anything by mouth to an unconscious person.

**5 FIRE-FIGHTING MEASURES**

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fire with alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water jet.

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**6 ACCIDENTAL RELEASE MEASURES****Person-related safety precautions:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

**Measures for environmental protection:** Do not allow to enter sewers/surface or ground water.

**Measures for cleaning/collecting:**

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, universal binders).

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

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## 7 HANDLING AND STORAGE

### HANDLING

#### Information for safe handling:

Store in original containers.

Open and handle receptacle with care.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

#### Information about fire - and explosion protection:



Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

### STORAGE

#### Information about storage in one common storage facility:

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

#### Further information about storage conditions:

Protect from frost.

Store in cool, dry conditions in well sealed receptacles.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with limit values that require monitoring at the workplace:

#### 1330-20-7 Xylene

WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm
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**Additional information:** Based on the lists valid at the date of MSDS creation.

### PERSONAL PROTECTIVE EQUIPMENT

**General protective and hygienic measures:** Avoid contact with the eyes and skin.

#### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Protection of hands:** Protective gloves.

**Material of gloves:** Rubber gloves.

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**Eye protection:**

Tightly sealed goggles.

Face protection.

**Body protection:** Protective work clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### GENERAL INFORMATION

<b>Form:</b>	Liquid.
<b>Colour:</b>	According to product specification.
<b>Odour:</b>	Characteristic.

**Change in conditions:-**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	137°C

<b>Flash point:</b>	30°C
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<b>Self-igniting:</b>	Product is not self-igniting.
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<b>Danger of explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
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<b>VOC Content:</b>	52.50 %
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**Solubility in/Miscibility with:-**

<b>Water:</b>	Not miscible or difficult to mix.
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<b>Additional information:</b>	These are typical values and do not constitute a specification.
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## 10 STABILITY AND REACTIVITY

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous decomposition products:** Carbon monoxide and carbon dioxide.

## 11 TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY**

**LD/LC50 values relevant for classification:**

**1330-20-7 Xylene**

Dermal	LD50	2000 mg/kg (rabbit)
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Inhalative	LC50/4 h	6350 mg/l (rat)
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**Primary irritant effect:-**

**on the skin:** May be irritating to the skin on prolonged contact.

**on the eye:** May be irritating to the eyes.

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### Additional toxicological information:

When bitumen is mixed with diluent, it is believed that the preparation becomes more bio-available. The carcinogenicity of the preparation is strongly dependent on the nature of the solvent used since the polycyclic aromatic content of the bitumen is low.

Vapours have narcotic effect.

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

## 12 ECOLOGICAL INFORMATION

### General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

## 13 DISPOSAL CONSIDERATIONS

### PRODUCT

#### European waste catalogue:

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances

### UNCLEANED PACKAGING

**Recommendation:** Disposal must be made according to official regulations.

## 14 TRANSPORT INFORMATION

### LAND TRANSPORT ADR/RID (cross-border)



**ADR/RID class:** 3 Flammable liquids.

**UN-Number:** 1263

**Packaging group:** III

**Hazard label:** 3

**Description of goods:** 1263 PAINT

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### MARITIME TRANSPORT IMDG



**IMDG Class:** 3  
**UN Number:** 1263  
**Label:** 3  
**Packaging group:** III  
**Marine pollutant:** No.  
**Proper shipping name:** PAINT

### AIR TRANSPORT ICAO-TI AND IATA-DGR



**ICAO/IATA Class:** 3  
**UN/ID Number:** 1263  
**Label:** 3  
**Packaging group:** III  
**Proper shipping name:** PAINT

## 15 REGULATORY INFORMATION

**National Volatile Organic Emission Standards for Architectural Coatings:** 525.0 g/l / 4.38 lb/gl

### Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

### Code letter and hazard designation of product:



Xn Harmful

### Hazard-determining components of labelling:

Xylene

### Risk phrases:

10 Flammable.  
 20/21 Harmful by inhalation and in contact with skin.  
 38 Irritating to skin.

### Safety phrases:

2 Keep out of the reach of children.  
 9 Keep container in a well-ventilated place.  
 13 Keep away from food, drink and animal feedingstuffs.  
 25 Avoid contact with eyes.  
 36/37 Wear suitable protective clothing and gloves.

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- 43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 51 Use only in well-ventilated areas.
- 52 Not recommended for interior use on large surface areas.
- 56 Dispose of this material and its container to hazardous or special waste collection point.
- 60 This material and its container must be disposed of as hazardous waste.
- 64 If swallowed, rinse mouth with water (only if the person is conscious).

**Waterhazard class:** WGK 2 (VwVwS Anhang 4 vom 19.05.1999): hazardous for water.**16 OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant R-phrases:**

- 10 Flammable.
- 20/21 Harmful by inhalation and in contact with skin.
- 38 Irritating to skin.

**Department issuing MSDS:**

EHS Department, EMEA Region, Grace Performance Chemicals, Ajax Avenue, Slough, Berks. SL1 4BH

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