

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 06.12.2010

Version: 2.0

Product: **MASTERPREN PRIMER**(30369127/SDS\_GEN\_SG/EN)

Date of print 23.06.2011

## 1. Substance/preparation and company identification

### MASTERPREN PRIMER

Use: Product for construction chemicals

Company:

BASF South East Asia Pte Ltd.

7 Temasek Boulevard,

#35-01 Suntec Tower One, 038987, SINGAPORE

Telephone: +65 6 337-0330

Telefax number: +65 6 334-0330

E-mail address: tommy.chng@basf.com

Emergency information:

International emergency number:

Telephone: +49 180 2273-112

## 2. Hazard identification

Classification of the substance and mixture:

Flammable liquids: Cat. 3

Carcinogenicity: Cat. 2

Label elements and precautionary statement:

Pictogram:



Signal Word:

Warning

Hazard Statement:

Flammable liquid and vapour. Suspected of causing cancer.

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**Precautionary Statements (Prevention):**

Wear protective gloves/protective clothing/eye protection/face protection. Wear protective gloves and eye/face protection. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharge. Do not handle until all safety precautions have been read and understood. Use explosion-proof electrical/ventilating/lighting/equipment. Keep container tightly closed. Use only non-sparking tools. Ground/bond container and receiving equipment.

**Precautionary Statements (Response):**

IF exposed or concerned: Call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.

**Precautionary Statements (Storage):**

Store locked up. Store in a well-ventilated place. Keep cool.

**Precautionary Statements (Disposal):**

Dispose of contents/container to hazardous or special waste collection point.

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### 3. Composition/information on ingredients

**Chemical nature**

Contains: Stoddard solvent

**Hazardous ingredients****Stoddard solvent**

Content (W/W): >= 50 % - <= 100 %	Aspiration: Cat. 1
CAS Number: 8052-41-3	Flam. Liq.: Cat. 3
	Muta.: Cat. 1B
	Carc.: Cat. 1B

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### 4. First-Aid Measures

**General advice:**

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

**If inhaled:**

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

**On skin contact:**

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

**On contact with eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**On ingestion:**

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

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## 7. Handling and Storage

### Handling

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

### Storage

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

## 8. Exposure controls and personal protection

### Components with workplace control parameters

Stoddard solvent, 8052-41-3;

TWA value 100 ppm (ACGIHTLV)

TWA value 525 mg/m<sup>3</sup> ; 100 ppm (OEL (SG))

Asphalt, 8052-42-4;

TWA value 0.5 mg/m<sup>3</sup> (ACGIHTLV), Inhalable fraction

Measured as: benzene solubles

### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other  
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

## 9. Physical and Chemical Properties

Form: liquid  
Colour: black  
Odour: product specific

pH value: slightly alkaline

Flash point: approx. 40 °C

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Flammability (solid/gas): Flammable.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Vapour pressure:

The product has not been tested.

Density: 985 g/cm<sup>3</sup>  
(20 °C)Relative density: approx. 0.9  
(25 °C)

Bulk density: not applicable

Solubility (quantitative) :

> 99%  
(25 °C)Viscosity, kinematic: 140 - 195 mm<sup>2</sup>/s

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## 10. Stability and Reactivity

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:  
strong oxidizing agents

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Acute toxicity

Experimental/calculated data:  
LD50 rat (oral): > 2,000 mg/kg

LC50 rat (by inhalation): &gt; 2,000 mg/l

### Irritation

Assessment of irritating effects:

The product has not been tested. The statement has been derived from the properties of the individual components.

### Respiratory/Skin sensitization

**Assessment of sensitization:**

The product has not been tested. The statement has been derived from the properties of the individual components.

**Germ cell mutagenicity****Assessment of mutagenicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

**Carcinogenicity****Assessment of carcinogenicity:**

Indication of possible carcinogenic effect in animal tests. The product has not been tested. The statement has been derived from the properties of the individual components.

**Reproductive toxicity****Assessment of reproduction toxicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

**Developmental toxicity****Assessment of teratogenicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

**Repeated dose toxicity and Specific target organ toxicity (repeated exposure)****Assessment of repeated dose toxicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

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**12. Ecological Information****Ecotoxicity****Assessment of aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

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**13. Disposal Considerations**

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

**Contaminated packaging:**

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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## 14. Transport Information

### Domestic transport:

Hazard class: 3  
 Packing group: III  
 ID number: UN 1993  
 Hazard label: 3  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains TURPENTINE SUBSTITUTE (WHITE SPIRIT))

### Sea transport

#### IMDG

Hazard class: 3  
 Packing group: III  
 ID number: UN 1993  
 Hazard label: 3  
 Marine pollutant: NO  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains TURPENTINE SUBSTITUTE (WHITE SPIRIT))

### Air transport

#### IATA/ICAO

Hazard class: 3  
 Packing group: III  
 ID number: UN 1993  
 Hazard label: 3  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains TURPENTINE SUBSTITUTE (WHITE SPIRIT))

## 15. Regulatory Information

### Regulations of the European union (Labelling)

#### Directive 1999/45/EC ('Preparation Directive'):

#### Hazard symbol(s)

Xn Harmful.

#### R-phrases(s)

R10 Flammable.  
 R40 Limited evidence of a carcinogenic effect.

#### S-phrases(s)

S16 Keep away from sources of ignition - No smoking.  
 S20 When using do not eat or drink.  
 S24 Avoid contact with skin.  
 S46 If swallowed, seek medical advice immediately and show this container or label.  
 S51 Use only in well-ventilated areas.

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### Other regulations

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## 16. Other Information

Due to the merger of Degussa Construction chemicals and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us under the address mentioned in Section I.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.