

# Safety Data Sheet

## MasterSeal P 176VOC also PRIMER 766 VOC

Revision date : 2012/06/27

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Version: 1.0

(30606624/SDS\_GEN\_US/EN)

### 1. Product and Company Identification

Company

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

### 2. Hazards Identification

Emergency overview**WARNING:**

FLAMMABLE LIQUID AND VAPOR.

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

MAY BE HARMFUL IF SWALLOWED.

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Overexposure may cause CNS depression including headache, dizziness, nausea and loss of consciousness.

MAY CAUSE ALLERGIC SKIN REACTION.

CONTAINS MATERIAL WHICH MAY CAUSE CANCER.

Keep container tightly closed.

Avoid all sources of ignition: heat, sparks, open flame.

State of matter: liquid

Colour: clear

Odour: strong, solvent-like

Potential health effects**Primary routes of exposure:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

**Acute toxicity:**

Vapours may cause drowsiness and dizziness.

**Irritation / corrosion:**

Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

**Sensitization:**

May cause allergic skin reaction.

Potential environmental effects

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### Aquatic toxicity:

The product has not been tested.

## 3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
28182-81-2	>= 30.0 - <= 60.0 %	Hexamethylene diisocyanate, isocyanurate-type oligomers
1330-20-7	>= 10.0 - <= 30.0 %	Xylene
78-93-3	>= 10.0 - <= 30.0 %	Methylethylketone
100-41-4	>= 3.0 - <= 7.0 %	ethylbenzene

## 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.

### If on skin:

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.

### If in eyes:

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

### If swallowed:

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.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

## 5. Fire-Fighting Measures

Flash point:	1.67 - 4.44 °C	(ASTM D3278)
Lower explosion limit:	1 %(V)	
Upper explosion limit:	7 %(V)	

### Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

### Unsuitable extinguishing media for safety reasons:

water jet

### Hazards during fire-fighting:

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

### Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

### Further information:

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. Sources of ignition should be kept well clear. 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.

#### Cleanup:

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.

### 7. Handling and Storage

#### Handling

##### General advice:

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

##### Protection against fire and explosion:

Keep away from heat. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

#### Storage

##### General advice:

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

##### Storage incompatibility:

General advice: Segregate from metals. Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds.

### 8. Exposure Controls and Personal Protection

#### Components with workplace control parameters

Xylene	OSHA	PEL 100 ppm 435 mg/m <sup>3</sup> ;
	ACGIH	TWA value 100 ppm ; STEL value 150 ppm ;
ethylbenzene	OSHA	PEL 100 ppm 435 mg/m <sup>3</sup> ;
	ACGIH	TWA value 100 ppm ; STEL value 125 ppm ;
Methylethylketone	OSHA	PEL 200 ppm 590 mg/m <sup>3</sup> ;
	ACGIH	TWA value 200 ppm ; STEL value 300 ppm ;

#### Personal protective equipment

##### Respiratory protection:

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

##### Hand protection:

Wear chemical resistant protective gloves., Manufacturer's directions for use should be observed because of great diversity of types.

##### Eye protection:

Tightly fitting safety goggles (chemical goggles).

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### Body protection:

Body protection must be chosen based on level of activity and exposure.

### General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. 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	
Odour:	strong, solvent-like	
Colour:	clear	
pH value:		neutral to slightly alkaline
Boiling point:	57.22 - 79.44 °C	
Density:	0.99 g/cm3	( 20 °C)
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Solubility in water:		slightly soluble

## 10. Stability and Reactivity

### Substances to avoid:

strong acids, strong bases, strong oxidizing agents

### Hazardous reactions:

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

### Decomposition products:

Thermal decomposition products: carbon oxides

### Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

## 11. Toxicological information

### Acute toxicity

*Information on: Hexamethylene diisocyanate, isocyanurate-type oligomers*

*Assessment of acute toxicity:*

*Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Of moderate toxicity after short-term inhalation.*

*Information on: Xylene*

*Assessment of acute toxicity:*

*Of moderate toxicity after short-term inhalation. Of moderate toxicity after short-term skin contact. High concentrations in the air may cause narcosis. Virtually nontoxic after a single ingestion.*

*Information on: ethylbenzene*

*Assessment of acute toxicity:*

*Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. Of low toxicity after single ingestion.*

### Irritation / corrosion

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*Information on: Xylene*

*Assessment of irritating effects:*

*Skin contact causes irritation. Not irritating to the eyes.*

*Information on: Methylethylketone*

*Assessment of irritating effects:*

*Irritating to eyes. May cause slight irritation to the skin.*

### Sensitization

*Information on: Hexamethylene diisocyanate, isocyanurate-type oligomers*

*Assessment of sensitization:*

*Caused skin sensitization in animal studies.*

### Repeated dose toxicity

*Information on: Xylene*

*Assessment of repeated dose toxicity:*

*Overexposure may cause liver and kidney toxicity.*

*The substance may cause damage to the central nervous system after repeated ingestion of high doses.*

*Information on: ethylbenzene*

*Assessment of repeated dose toxicity:*

*The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.*

### Carcinogenicity

*Information on: ethylbenzene*

*Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown.*

*IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). NTP listed carcinogen*

### Development:

*Information on: Xylene*

*A teratogenic potential cannot be excluded.*

*Information on: Methylethylketone*

*The potential to cause toxicity to development cannot be excluded at maternally toxic doses.*

### Aspiration Hazard:

May also damage the lung at swallowing (aspiration hazard).

### Experiences in humans:

According to experience, the product is considered to be harmless to health if used in the correct manner. Has degreasing effect on the skin.

### Other Information:

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

#### Other adverse effects:

Do not allow to enter soil, waterways or waste water channels.

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### 13. Disposal considerations

#### Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application. Dispose of in accordance with national, state and local regulations.

Dispose of in accordance with national, state and local regulations.

#### Container disposal:

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

#### Land transport

USDOT

Hazard class:	3
Packing group:	II
ID number:	UN 1263
Hazard label:	3
Proper shipping name:	PAINT

#### Sea transport

IMDG

Hazard class:	3
Packing group:	II
ID number:	UN 1263
Hazard label:	3
Marine pollutant:	NO
Proper shipping name:	PAINT

#### Air transport

IATA/ICAO

Hazard class:	3
Packing group:	II
ID number:	UN 1263
Hazard label:	3
Proper shipping name:	PAINT

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### 15. Regulatory Information

#### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

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**OSHA hazard category:** IARC 1, 2A or 2B carcinogen; Chronic target organ effects reported; ACGIH TLV established; Flammable Liquid

**EPCRA 311/312 (Hazard categories):** Acute; Chronic; Fire

### **EPCRA 313:**

<u>CAS Number</u>	<u>Chemical name</u>
1330-20-7	Xylene
100-41-4	ethylbenzene

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
5000 LBS	78-93-3	Methylethylketone
1000 LBS	100-41-4; 108-88-3	ethylbenzene; Toluene
100 LBS	1330-20-7; 822-06-0	Xylene; 1,6-hexamethylene diisocyanate
10 LBS	71-43-2	Benzene

### **State regulations**

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
MA, NJ, PA	1330-20-7	Xylene
MA, NJ, PA	78-93-3	Methylethylketone
MA, NJ, PA	100-41-4	ethylbenzene

### **CA Prop. 65:**

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

## 16. Other Information

### **HMIS III rating**

Health: 2 $\frac{1}{2}$  Flammability: 3 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

### **MSDS Prepared by:**

BASF NA Product Regulations

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MSDS Prepared on: 2012/06/27

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