

## Safety data sheet

Page: 1/8

BASF Safety data sheet according to 91/155/EEC

Date / Revised: 2008/01/02

Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

#### PRIMER 766 VOC

Use: Product for construction chemicals

Company:

BASF CORPORATION

100 Campus Drive

Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Telefax number: +1 973 245-6839

E-mail address: msds@basf.com

Emergency information:

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP

### 2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
POLYISOCYANATE	Unknown		N.E.	N.E.	N.E.	30.00 - 60.00 %
XYLENE	1330-20-7	100 ppm	150 ppm	100 ppm	300 ppm	10.00 - 30.00 %
METHYL ETHYL KETONE	78-93-3	200 ppm	300 ppm	200 ppm	N.E.	10.00 - 30.00 %
ETHYL BENZENE	100-41-4	100 ppm	125 ppm	100 ppm	N.E.	1.00 - 5.00 %

### 3. HAZARDS IDENTIFICATION

HMIS® Rating

HEALTH  
2FLAMMABILITY  
3PHYSICAL  
HAZARD  
0

BASF Safety data sheet according to 91/155/EEC  
 Date / Revised: 2008/01/02  
 Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

WHMIS Class : B2

Primary Routes of Entry : Ingestion  
 Inhalation  
 Eye contact  
 Skin contact

**Effects of Overexposure**

Inhalation : Harmful by inhalation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Prolonged inhalation can be harmful.

Skin : Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated exposure can cause skin irritation and redness. Skin sensitization or allergic reaction can occur in some individuals.

Eyes : Can cause slight irritation, redness, tearing and blurred vision.

Ingestion : Intake can cause gastrointestinal irritation, nausea, and vomiting. Moderate toxicity.

Chronic exposure : Chronic overexposure to xylene can cause damage to the formed elements of blood [e.g., red cells, which carry oxygen]. This product contains ethylbenzene. The International Agency for Research on Cancer has evaluated ethylbenzene and has classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. This product contains solvents. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Reports also indicate that solvents cause liver damage, kidney damage, and mucous membrane irritation. Be warned that intentional misuse by deliberately inhaling the vapors and/or the product contents (a process often called "sniffing") can be harmful or fatal. This product contains isocyanates. Prolonged repeated exposure to isocyanates can lead to skin sensitization. For persons so sensitized even brief exposures to an isocyanate can produce reddening, swelling, rash, or blisters. Similarly, prolonged and repeated exposure to isocyanates can lead to respiratory sensitization. In such individuals, brief exposures to isocyanates at levels well below established exposure limits can produce chemical asthma and nonspecific asthmatic conditions.

**Carcinogenicity**

	ACGIH	IARC	NTP	OSHA
POLYISOCYANATE	N.E.	N.E.	N.E.	N.E.
XYLENE	Not classifiable as a human carcinogen.	Classification not possible from current data.	N.E.	N.E.
METHYL ETHYL KETONE	N.E.	N.E.	N.E.	N.E.
ETHYL BENZENE	Confirmed animal carcinogen with unknown relevance to humans.	Inadequate data.	N.E.	N.E.

**4. FIRST AID MEASURES**

Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation

BASF Safety data sheet according to 91/155/EEC  
 Date / Revised: 2008/01/02  
 Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

- persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion** : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
- Inhalation** : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

## 5. FIRE-FIGHTING MEASURES

- Flash point** : 35.01 - 39.99 °F (1.67 - 4.44 °C) Method: SETAFLASH
- Autoignition temperature** : no data available
- Lower explosion limit** : 1 %(V)
- Upper explosion limit** : 7 %(V)
- Suitable extinguishing media** : water fog  
dry chemical  
carbon dioxide (CO2)  
alcohol-resistant foam
- Fire and Explosion Hazards** : Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flashpoint. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH. Heating can release vapours which can be ignited. Solid stream of water or foam can cause frothing.
- Special Fire-fighting Procedures** : Can be ignited by heat, sparks or flame. At higher temperature pressure build up in sealed containers. Use water to cool containers exposed to fire. As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

## 6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up** : Ventilate the area and remove all sources of ignition. Evacuate unnecessary personnel. Take action to eliminate source of leak. Large spills should be handled carefully. Put on respiratory protection and necessary personal protective equipment. Dike or impound spilled Liquid. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## 7. HANDLING AND STORAGE

- Handling** : Keep out of reach of children. Use only in area provided with appropriate ventilation. Take precautionary measures against static discharges. Ground and bond containers when transferring material. For personal protection see section 8.

BASF Safety data sheet according to 91/155/EEC

Date / Revised: 2008/01/02

Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

Storage : Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection : Wear as appropriate:  
safety glasses with side-shields  
goggles  
face-shield

Hand protection : Wear Chemically resistant gloves.

Body Protection : Wear as appropriate:  
Chemically resistant clothes  
preventive skin protection

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Color : clear

Physical State : liquid

Odor : strong solvent

pH : no data available

Odor Threshold : no data available

Vapor Pressure : 82 mm/Hg at 77 °F (25 °C)

Vapor Density : Heavier than air

Boiling point/range : 135.00 - 174.99 °F (57.22 - 79.44 °C)

Freeze Point : no data available

Water solubility : slightly soluble

Specific Gravity : 0.99

Viscosity : 90 cps

BASF Safety data sheet according to 91/155/EEC  
Date / Revised: 2008/01/02  
Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

Evaporation rate : Slower than Butyl acetate  
Partition coefficient (n-octanol/water) : no data available  
VOC Concentration as applied : 339 g/l  
(less water and exempt solvents)

## 10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.  
Conditions to avoid : Heat, flames and sparks.  
Direct sources of heat.  
Strong sunlight for prolonged periods.  
Prolonged exposure to high temperatures  
Materials to avoid : Water  
Alcohols  
amines  
oxidizing agents  
strong acids  
strong bases  
Hazardous decomposition products : Oxides of carbon  
nitrogen oxides (NOx)  
traces of HCN  
aldehydes  
Hazardous polymerization : Will not occur under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity	Type	Value	Species	Exposure time
<u>Product</u>	LC50	no data available		
<u>Component</u>				
POLYISOCYANATE	LC50	no data available		
XYLENE	LC50	no data available		
METHYL ETHYL KETONE	LC50	no data available		
ETHYL BENZENE	LC50	no data available		

Acute oral toxicity	Type	Value	Species
<u>Product</u>	LD50 (Oral)	no data available	
<u>Component</u>			

BASF Safety data sheet according to 91/155/EEC  
Date / Revised: 2008/01/02  
Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

POLYISOCYANATE	LD50 (Oral)	no data available	
XYLENE	LD50 (Oral)	4,300 mg/kg	rat
METHYL ETHYL KETONE	LD50 (Oral)	no data available	
ETHYL BENZENE	LD50 (Oral)	no data available	

**Acute dermal toxicity**

	Type	Value	Species
<u>Product</u>	LD50 (Dermal)	no data available	
<u>Component</u>			
POLYISOCYANATE	LD50 (Dermal)	no data available	
XYLENE	LD50 (Dermal)	> 1,700 mg/kg	rabbit
METHYL ETHYL KETONE	LD50 (Dermal)	6,480 mg/kg	rabbit
ETHYL BENZENE	LD50 (Dermal)	no data available	

**12. ECOLOGICAL INFORMATION**

Ecotoxicological Information : There is no data available for this product.

**13. DISPOSAL CONSIDERATIONS**

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

**14. TRANSPORT INFORMATION**

DOT	: Proper shipping name	PAINT
	UN-No	<b>1263</b>
	Class	3
	Packaging group	II
	Primary Label	Flammable liquid
IATA	: Proper shipping name	PAINT
	UN-No	<b>1263</b>
	Class	3
	Packaging group	II
	Primary Label	Flammable liquid

**15. REGULATORY INFORMATION****SARA 311/312 (RTK)**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

BASF Safety data sheet according to 91/155/EEC  
Date / Revised: 2008/01/02  
Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

FIRE HAZARD IMMEDIATE (ACUTE) HEALTH HAZARD DELAYED (CHRONIC) HEALTH HAZARD

**SARA 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Weight %	CAS No.	Chemical Name
10.00 - 30.00 %	1330-20-7	XYLENE
10.00 - 30.00 %	78-93-3	METHYL ETHYL KETONE
1.00 - 5.00 %	100-41-4	ETHYL BENZENE

**CERCLA**

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

RQ	CAS No.	Chemical Name
100 lbs	1330-20-7	XYLENE
5,000 lbs	78-93-3	METHYL ETHYL KETONE
1,000 lbs	100-41-4	ETHYL BENZENE

**TSCA Section 12(b) Export Notification**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

CAS No.	Chemical Name
---------	---------------

There are no TSCA 12(b) Chemicals in this product.

**California Proposition 65**

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

CAS No.	Chemical Name
71-43-2	BENZENE
100-41-4	ETHYL BENZENE
108-88-3	TOLUENE

---

**16. OTHER INFORMATION**

---

Legend : N.E. - Not Established  
TLV - Threshold Limit Value  
STEL - Short Term Exposure Limit  
PEL - Permissible Exposure Limit  
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

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

BASF Safety data sheet according to 91/155/EEC

Date / Revised: 2008/01/02

Product: **PRIMER 766 VOC**

Version: 1.0

(30368216/MDS\_GEN\_US/EN)

Date of print 15.09.2010

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.