

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 1/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

### 1. Identification

**Product identifier used on the label**

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

**Recommended use of the chemical and restriction on use**

Recommended use\*: for industrial and professional users

\* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**Details of the supplier of the safety data sheet**

Company:

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

Telephone: +1 973 245-6000

**Emergency telephone number**

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

**Other means of identification**

Chemical family: No data available.

---

### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

**Classification of the product**

Skin Corr./Irrit.	2	Skin corrosion/irritation
Carc.	1A	Carcinogenicity

**Label elements**

Pictogram:

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 2/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)



Signal Word:  
Danger

Hazard Statement:

H315 Causes skin irritation.

H350 May cause cancer.

Precautionary Statements (Prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.

P303 + P362 IF ON SKIN (or hair): Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash before reuse.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

### Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Emergency overview

WARNING:

MAY CAUSE SKIN IRRITATION.

Ingestion may cause irritation to mucous membranes.

Contains a carcinogen.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Keep container tightly closed.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### CAS Number

2943-75-1

216689-57-5

### Content (W/W)

$\geq 7.0 - < 15.0$  %

$\geq 3.0 - < 7.0$  %

### Chemical name

Triethoxycaprylsilane

Silicic acid, diethoxyoctylsilyl trimethylsilyl ester

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 3/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

64-17-5                      >= 0.0 - < 1.0 %      Ethanol

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
64-17-5	>= 0.1 - <= 1.0 %	Ethanol

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

##### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

##### If on skin:

Immediately wash thoroughly with soap and water, 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:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

#### Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: No applicable information available.

#### Indication of any immediate medical attention and special treatment needed

##### Note to physician

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

### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:  
carbon dioxide, dry powder, water spray

#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 4/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

### Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

### Further information:

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immediately. Use personal protective clothing. 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 and material for containment and cleaning 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.

---

## 7. Handling and Storage

### Precautions for safe handling

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

### Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Protect from temperatures below: 5 °C

The packed product must be protected from temperatures below the indicated one.

Protect from temperatures below: 40 °F

The packed product must be protected from temperatures below the indicated one.

---

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Ethanol	OSHA PEL	PEL 1,000 ppm 1,900 mg/m <sup>3</sup> ; TWA value
		1,000 ppm 1,900 mg/m <sup>3</sup> ;
	ACGIH TLV	STEL value 1,000 ppm ;

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 5/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

### Advice on system design:

No applicable information available.

### 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).

#### Body protection:

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

#### General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. 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:	mild, alcohol-like	
Odour threshold:		No applicable information available.
Colour:	cloudy	
pH value:		slightly alkaline
Freezing point:	0 °C	
Boiling point:	97.78 °C	
Sublimation point:		No applicable information available.
Flash point:	100 °C	(ASTM D3278)
Flammability:	not highly flammable	
Lower explosion limit:		No data available.
Upper explosion limit:		No data available.
Autoignition:		No data available.
Vapour pressure:		No data available.
Density:	1.0 g/cm <sup>3</sup>	( 20 °C)
Relative density:	1.0	
Bulk density:		not applicable
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:		No data available.
Viscosity, kinematic:		No applicable information available.
Solubility in water:		partly soluble
Solubility (quantitative):		No applicable information available.

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 6/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

---

Solubility (qualitative):	No applicable information available.
Evaporation rate:	No applicable information available.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

---

### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

#### Oxidizing properties:

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

#### Chemical stability

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

#### Possibility of hazardous reactions

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

#### Conditions to avoid

See MSDS section 7 - Handling and storage.

#### Incompatible materials

strong acids, strong bases, strong oxidizing agents, strong reducing agents

#### Hazardous decomposition products

#### Decomposition products:

carbon oxides

#### Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

---

### 11. Toxicological information

#### Primary routes of exposure

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

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

##### Oral

No applicable information available.

##### Inhalation

No applicable information available.

##### Dermal

No applicable information available.

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06  
Version: 2.0

Page: 7/10  
(30605942/SDS\_GEN\_US/EN)

### Assessment other acute effects

No applicable information available.

### Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation.

### Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Carcinogenicity

Assessment of carcinogenicity: Contains a known carcinogen.

### *Information on: Ethanol*

*Assessment of carcinogenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.*

-----

### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### Other Information

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

## **Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

---

## **12. Ecological Information**

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 8/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

---

### Persistence and degradability

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

The polymer component of the product is poorly biodegradable.

### Bioaccumulative potential

#### Assessment bioaccumulation potential

Discharge into the environment must be avoided.

### Mobility in soil

#### Assessment transport between environmental compartments

No data available.

### Additional information

Other ecotoxicological advice:

The product has not been tested. Do not discharge product into the environment without control.

---

## 13. Disposal considerations

### **Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations. Residues should be disposed of in the same manner as the substance/product. Do not discharge into drains/surface waters/groundwater.

### **Container disposal:**

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

---

## 14. Transport Information

### **Land transport**

USDOT

Not classified as a dangerous good under transport regulations

### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

---

## 15. Regulatory Information

### Federal Regulations

**Registration status:**



# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 9/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

Chemical TSCA, US released / listed

Product contains biocidal component(s), which are registered according FIFRA and therefore exempt from TSCA registration requirements.

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

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
5000 LBS	64-19-7; 108-05-4	Acetic acid; vinyl acetate
1000 LBS	75-07-0; 1336-21-6	acetaldehyde; Ammonium hydroxide
100 LBS	1330-20-7; 4170-30-3; 50-00-0; 64-17-5	Xylene; Crotonaldehyde; Formaldehyde; Ethanol

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
MA, NJ, PA	64-17-5	Ethanol

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

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

### **NFPA Hazard codes:**

Health : 2      Fire: 0      Reactivity: 0      Special:

### **HMIS III rating**

Health: 2<sup>□</sup>      Flammability: 0      Physical hazard: 0

---

## 16. Other Information

### **SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2015/02/06

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.

---

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET

# Safety Data Sheet

## MasterProtect H 177 also ENVIROSEAL DOUBLE 7 BRICK

Revision date : 2015/02/06

Page: 10/10

Version: 2.0

(30605942/SDS\_GEN\_US/EN)

---

FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.  
END OF DATA SHEET