

Primer SH

Date of issue: November 2003

Revised on: January 29th, 2013



## 1. Material name/compound and trade name

### Details on the product

Trade name Primer SH

### Details on the company/supplier

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## 2. Composition/Details of components

### Chemical characterization

Solution of anorganic fillers and rubber chemicals

Solids content approx. 25 %

|            | Methylisobutylketon | Xylene    |
|------------|---------------------|-----------|
| Content:   | 30-60 %             | 10-30 %   |
| CAS-No.    | 108-10-1            | 1330-20-7 |
| EINECS-No. | 203-550-1           | 215-535-7 |

## 3. Possible hazards

Hazard designation: inflammable  
harmfulHazard symbol: F  
Hazard symbol: Xn

### Information on special hazards:

R 11 inflammable  
R 20 Hazardous to health when inhaled  
R 36/37 Hazardous to eyes and respiratory organs

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#### 4. First aid steps

**General information**

Get medical assistance if the person is not feeling well.  
Remove clothing contaminated with the product.

**After inhalation**

Provide fresh air, provide artificial respiration if breathing ceases.

**After skin contact**

Wash with soap and water and rinse off thoroughly.

**After eye contact**

Flush with running water for several minutes while keeping the eyelids open, get medical assistance.

**After swallowing**

Do not induce vomiting, get immediately medical assistance or call immediately for an ambulance. Swallowing and vomiting may cause aspiration of the lungs, which leads to suffocation or to toxic pulmonaria edema. At high concentrations of vapor it leads to unconsciousness.

#### 5. Firefighting steps

**Suitable extinguishing agents:**

Foam, spray water, water mist, CO<sup>2</sup>, sand or earth may be used for little fires.

**Unsuitable extinguishing agents:**

water full jet

**Special protective equipment:**

Wear self-contained breathing apparatus. An explosive gas-air mixture can be formed.  
Cool down containers at risk with a water spray.

#### 6. Actions to take if released accidentally

Keep it away from ignition sources - avoid sparks.

**Personal protective steps**

Wear protective equipment. Keep unprotected persons away.

**Environmental protection steps**

Prevent it from getting into the drainage and sewage system, into the groundwater or into the soil. Otherwise inform the relevant authorities.

**Procedure for cleaning-up**

Mop it with absorbant material (sand, universal binder) and put it into a sealed container.  
Keep it away from ignition sources - avoid sparks.

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## 7. Handling and storage

Store in sealed containers.

Ensure, that there is good ventilation/air extraction at the workplace.

Protect against ignition sources, heat and direct sunlight.

Take measures against electrostatic charge.

Follow the legal instructions and the technical guidelines (U.A. TRbF 20).

## 8. Limitation of exposure and personal protective equipment

Constitutes with limiting values to be monitored at the workplace:

| Name                | CAS-No.   | Norm |                       |
|---------------------|-----------|------|-----------------------|
| Xylene              | 1330-20-7 | MAK  | 440 mg/m <sup>3</sup> |
| Methylisobutylketon | 108-10-1  | MAK  | 82 mg/m <sup>3</sup>  |

### Technical steps:

Ensure a permanent safe maintaining of the limiting values at the workplace. Only use with adequate ventilation. For some operations, local air extraction is necessary. At inadequate ventilation or air extraction, deadly concentrations may occur.

### Respiratory equipment:

Use filter/gas mask. If respiratory equipment is required for certain work, use a CE approved mask with filter for: organic vapors, type A. Adequate filter according to EN 141.A1-P2 type 672 (optical identification brown edge).

### Eye protection/facial protection:

Use safety protective glasses.

### Personal protection:

Wear chemical resistant safety shoes.

### Skin protection:

Use chemical resistant gloves classified under DIN EN 374 (protective gloves against chemicals + microorganisms). Acceptable gloves are manufactured of vitone, nitrile, butadiene rubber or PVC such as for instance Ultranitrile 403.

The limitation of usage of the gloves is depending on the conditions of application.

Respect the indications of your supplier for gloves.

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## 9. Physical and chemical properties

|                      |  |
|----------------------|--|
| Form:                | liquid / dispersion                        |
| Colour:              | grey                                       |
| Smell:               | typical                                    |
| Density:             | ca 095 g/cm <sup>3</sup>                   |
| Flash point:         | 16 °C                                      |
| Viscosity:           | approx. 1200 mPas                          |
| Solubility in water: | practically insoluble                      |
| Explosion limits:    | an explosive gas-air mixture can be formed |

## 10. Stability and reactivity

No decomposition when properly used.  
Avoid heat, ignition sources and sparks.

## 11. Toxicological details

**Inhalation:**  
The vapors can easily accumulate in enclosed or poorly ventilated areas and cause unconsciousness.

## 12. Ecological details

**General notes:**  
Water hazard class I (self assessment): slightly water hazardous. Prevent it from getting into the ground water, bodies of water, the drainage or sewage system.

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### 13. Information on disposal

Allow waste of solvents to dry out completely, send it to disposal together with waste rubber. Collect remains of solvents, send them to a disposal company handling special forms of waste. Empty containers: allow them to dry out completely and scrap them while still open. EAK refuse disposal key reference: 080406.

### 14. Details for transport

#### Land transport ADR/RID und GGVSE:

|                                 |          |
|---------------------------------|----------|
| ADR/RID class:                  | 3        |
| Hazard label:                   | 3        |
| Packing group:                  | II       |
| UN-No.:                         | 1133     |
| Description of hazardous goods: | Adhesive |

#### Sea transport IMDG/GGVSea:

|                         |          |
|-------------------------|----------|
| IMDG/GGVSea class:      | 3        |
| Hazard label:           | 3        |
| UN-No.:                 | 1133     |
| Packing group:          | II       |
| EMS-No.:                | F-E, S-D |
| Marine pollutant:       | no       |
| Correct technical name: | Adhesive |

#### Air transport ICAO / IATA:

|                         |          |
|-------------------------|----------|
| ICAO / IATA class:      | 3        |
| Hazard label:           | 3        |
| UN/ID-No:               | 1133     |
| Packing group:          | II       |
| Correct technical name: | Adhesive |

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## 15. Regulations

Classification according to the Hazardous Material Ordinance GefStoffV.

Hazard symbol: F = inflammable  
Hazard symbol: Xn = harmful

### R-clauses

R 11 inflammable  
R 20 Hazardous to health when inhaled  
R 36/37 Hazardous to eyes and respiratory organs

### S-clauses

S 16 Keep away from fire - do not smoke  
S 23 Do not inhale adhesive gas  
S 29 Do not dispose into the drainage system  
S 33 Avoid electrostatic charging

### German regulations

VbF: A I  
TA air class III

## 16. Other details

Note TRGS 903.

The product is intended for commercial use only.  
The details given here are based on current knowledge and experience.  
The safety data sheet describes products in terms of their safety requirements.  
The details are in no way intended to imply a warranty of performance of capabilities.