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#### **After ingestion**

In the event of persistent symptoms receive medical treatment.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No information available.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

##### **Unsuitable extinguishing media**

Full water jet.

#### **5.2. Special hazards arising from the substance or mixture**

Fire may produce: carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Hydrocarbons

#### **5.3. Advice for firefighters**

Use breathing apparatus with independent air supply.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

Observe protective instructions (see Sections 7 and 8).

#### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/ground water.

#### **6.3. Methods and material for containment and cleaning up**

Take up mechanically and send for disposal.

#### **6.4. Reference to other sections**

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Keep container tightly closed.

When using do not eat, drink or smoke.

Use only in thoroughly ventilated areas.

##### **Advice on protection against fire and explosion**

No specific precautions required.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep containers tightly closed in a cool, well-ventilated place.

#### **7.3. Specific end use(s)**

No data available

### **SECTION 8: Exposure controls/personal protection**

#### **8.1. Control parameters**



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#### Additional advice on limit values

No data available

#### 8.2. Exposure controls

##### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

##### Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Do not inhale gases/vapours/aerosols.

##### Eye/face protection

Protective goggles in the event of risk of splashes.

##### Hand protection

Butyl rubber

Handle in accordance with good industrial hygiene and safety practices.

##### Skin protection

Long sleeved clothing (DIN EN ISO 6530)

##### Respiratory protection

Use suitable breathing apparatus if there is inadequate ventilation.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Product-specific
Odour:	characteristic

##### Changes in the physical state

Initial boiling point and boiling range: >470 °C

Flash point: 341 °C

##### Explosive properties

The product is not explosive.

Density (at 20 °C): 0,96 g/cm<sup>3</sup>

Water solubility: (at 20 °C) Immiscible

#### 9.2. Other information

Solid content: 100 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data available

#### 10.2. Chemical stability

No decomposition if stored and applied as directed.

#### 10.3. Possibility of hazardous reactions

No data available



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#### **10.4. Conditions to avoid**

No data available

#### **10.5. Incompatible materials**

No data available

#### **10.6. Hazardous decomposition products**

No data available

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

##### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

##### **Sensitising effects**

Based on available data, the classification criteria are not met.

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

##### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

No data available

#### **12.2. Persistence and degradability**

No data available

#### **12.3. Bioaccumulative potential**

No data available

#### **12.4. Mobility in soil**

No data available

#### **12.5. Results of PBT and vPvB assessment**

No data available

#### **12.6. Other adverse effects**

No data available

#### **Further information**

Do not flush into surface water or sanitary sewer system.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

In accordance with regulations for special waste, must be taken to a special waste disposal.



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#### Waste disposal number of waste from residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

#### Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

### SECTION 14: Transport information

**Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO-TI/IATA-DGR); Inland waterways transport (ADN)**

#### 14.1. UN number:

No hazardous material as defined by the transport regulations.

#### 14.2. UN proper shipping name:

No hazardous material as defined by the transport regulations.

#### 14.3. Transport hazard class(es):

No hazardous material as defined by the transport regulations.

#### 14.4. Packing group:

No hazardous material as defined by the transport regulations.

#### 14.5. Environmental hazards

No hazardous material as defined by the transport regulations.

#### 14.6. Special precautions for user

No hazardous material as defined by the transport regulations.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No hazardous material as defined by the transport regulations.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulatory information

Employment restrictions: Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

Changes in chapter: 1

#### Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 IMDG = International Maritime Code for Dangerous Goods  
 IATA/ICAO = International Air Transport Association / International Civil Aviation Organization  
 MARPOL = International Convention for the Prevention of Pollution from Ships  
 IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk



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GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*

