

# Material Safety Data Sheet

## According to 91/155 EEC

Printing date 18.05.2006

Version No. 2

Reviewed on 18.05.2006





### 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Unibase
- **Application of the substance / the preparation** Solvent-based, 1-component, roller-applied primer
- **Manufacturer/Supplier:**  
JP Coatings GmbH  
Im Kreuz 6  
D-97076 Würzburg  
Tel. +49 (0)931-27964-0  
Fax +49 (0)931-27964-50
- **Further information obtainable from:** Developing department
- **Information in case of emergency:**  
Medical emergencies: +49 30 19 240  
Transportation emergencies: +49 621 60 43 333

### 2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol	 Xi,  F; R 11-36-67	50-75%
CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate	 Xi,  F; R 11-36-66-67	25-50%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

- **Hazard description:**



*Xi Irritant*  
*F Highly flammable*

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 11 Highly flammable.

R 36 Irritating to eyes.

R 67 Vapours may cause drowsiness and dizziness.

### 4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet

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· **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.

### \* 8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

#### 67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm
	Long-term value: 999 mg/m <sup>3</sup> , 400 ppm

#### 141-78-6 ethyl acetate

WEL	Short-term value: 400 ppm
	Long-term value: 200 ppm

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**



Solvent resistant gloves

- **Material of gloves:** PVC or PE gloves
- **Penetration time of glove material:**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

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### 9 Physical and chemical properties

#### · General Information

**Form:** Fluid  
**Colour:** Colourless  
**Odour:** Solvent-like

#### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.

· **Flash point:** 10°C

· **Ignition temperature:** 425°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

#### · Explosion limits:

**Lower:** 2.0 Vol %  
**Upper:** 12.0 Vol %

· **Vapour pressure at 20°C:** 97 hPa

· **Density at 20°C:** 0.84 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

#### · Acute toxicity:

#### · LD/LC50 values relevant for classification:

Oral	LD50	1200 mg/kg (rat)
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#### 67-63-0 propan-2-ol

Oral	LD50	5045 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)

#### · Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

#### · Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

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### 12 Ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1263
- **Packaging group:** II
- **Hazard label** 3
- **Description of goods:** 1263 PAINT, special provision 640D

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1263
- **Label** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Proper shipping name:** PAINT

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label** 3
- **Packaging group:** II
- **Proper shipping name:** PAINT

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### 15 Regulatory information

**· Labelling according to EU guidelines:**

*The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.*

**· Code letter and hazard designation of product:**

*Xi Irritant  
F Highly flammable*

**· Risk phrases:**

*11 Highly flammable.  
36 Irritating to eyes.  
67 Vapours may cause drowsiness and dizziness.*

**· Safety phrases:**

*2 Keep out of the reach of children.  
16 Keep away from sources of ignition - No smoking.  
23 Do not breathe vapour.  
24/25 Avoid contact with skin and eyes.  
33 Take precautionary measures against static discharges.  
46 If swallowed, seek medical advice immediately and show this container or label.  
51 Use only in well-ventilated areas.*

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**· Relevant R-phrases**

*11 Highly flammable.  
36 Irritating to eyes.  
66 Repeated exposure may cause skin dryness or cracking.  
67 Vapours may cause drowsiness and dizziness.*

**· Contact:** *Dr. M. Zieger, Tel. +49 (0)731 4097 207*

**· \* Data compared to the previous version altered.**

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