

**MATERIAL SAFETY DATA SHEET****EPOKSIL – Component A**Page 1/5  
Date of issue  
Feb. 10, 2009

Version 04

**1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY****Product name:** EPOKSIL – Component A**Product description:** Water-borne 2-component epoxy paint, component A.**Producer:** JUB chemical industry  
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E-mail: [info@trc-jub.si](mailto:info@trc-jub.si)**2. HAZARDS IDENTIFICATION****Human health hazards.** Irritating to eyes and skin. Risk of serious damage to eyes.**Environmental hazards.** Do not empty into drains or water.**3. COMPOSITION/INFORMATION ON INGREDIENTS****Composition:** water solution of modified aliphatic polyamins.

Hazardous ingredients	Wt.-%	CAS-No. EC-No. INDEX-No.	Danger symbol	Risk phrases
3-Aminomethyl -3,5,5-trimethylcyclo- hexylamin	< 2,5	2855-13-2 220-666-8 612-067-00-9	C	21/22-34-43-52/53
m-Xylendiamin	< 2,5	1477-55-0 216-032-5 -	C	20/22-34-52/53

#### 4. FIRST AID MEASURES

<b>Inhalation</b>	Remove to fresh air. Keep at rest.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin with water, use soap.
<b>Eyes contact</b>	Flush eyes with water for 10 to 15 minutes, get medical attention.
<b>Ingestion</b>	Seek medical advice immediately and show this container or label.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media.** Foam, water spray or fog, dry powder, carbon dioxide.

**Fire fighting procedures.** This product is not declared as flammable.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions.** Avoid contact with skin and eyes.

**Environmental precautions.** Prevent contamination of water. Advise authorities if product has entered or may enter watercourses. Do not empty into drains or water.

**Cleaning / Disposal.** Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labelled container for subsequent safe disposal.

#### 7. HANDLING AND STORAGE

**Handling.** Avoid contact with skin and eyes. Use only in well-ventilated areas.

**Storage.** Keep containers closed. Store at room temperature. Protect from freezing. Keep out of reach of children.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering control measures.** /

**Respiratory protection.** Normally not necessary. When spraying use an approved respirator.

**Hand protection.** Prolonged or repeated contact with skin: use protective hand cream. Chemical resistant gloves should be worn by prolonged direct contact.

**Body protection.** Wear suitable protective clothing.

**Eye protection.** Use splash goggles when eye contact may occur.

**Hygiene measures.** Wash hands before breaks and immediately after handling the product. When using do not eat and drink.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	liquid
<b>Colour:</b>	white, colour shades
<b>Odour:</b>	typical
<b>pH:</b>	10,0 - 12,0/20°C
<b>Boiling point / range:</b>	> 100°C
<b>Flash point:</b>	> 100°C
<b>Autoignition temperature:</b>	n. a.
<b>Density:</b>	app. 1,4 – 1,6 kg/dm <sup>3</sup> /20°C
<b>Viscosity:</b>	22 – 23 Pas(5/20)/ 20°C
<b>Explosion limits:</b>	n. a.
<b>Vapour pressure:</b>	n. a.
<b>Solubility in water:</b>	miscible with water
<b>Solids content:</b>	app. 65 – 72 wt. %

## 10. STABILITY AND REACTIVITY

**Stability.** Stable under normal use conditions.

**Hazardous decomposition products. (T: app 170 °C):** acrylonitriles. Avoid acids.

## 11. TOXICOLOGICAL INFORMATION

**Basis for assessment.** Information given is based on data on the components and the toxicology of similar products. May cause sensitization by skin contact. Irritating to eyes and skin. **The fully cured product is not health hazardous.**

**From structurally related products the following may be expected:**

**Modified aliphatic polyamine adduct, composition**

1) **3-Aminomethyl-3,5,5-trimethylcyclohexylamin** (CAS-No. 2855-13-2)

2) **m-Xylendiamin** (CAS-No. 1477-55-0)

Acute toxicity:

Oral(rat): LD<sub>50</sub>: > 2000 mg/kg

Primary irritation effects:

Eyes: possible

Skin: possible

Inhalation: possible

May cause sensitization by skin contact.

## 12. ECOLOGICAL INFORMATION

**Basis for assessment.** Incomplete ecotoxicological data are available. The information given below is based partly on a knowledge of the components and the ecotoxicology of similar products.

**Ecotoxicology.** Toxic to aquatic organisms. Do not empty into drains or water.

## 13. DISPOSAL CONSIDERATIONS

Liquid waste is classified as **harmful: EWC: 08 01 11\***. Liquid waste must not be disposed together with domestic wastes, poured into water or in sewage system.

Disposal according to the national legislation. Waste packaging is classified as packaging containing residues or contaminated by dangerous substances: **EWC: 15 01 10\***.

## 14. TRANSPORT INFORMATION

**ADR/RID:** not classified

**IMDG:** not classified

## 15. REGULATORY INFORMATION

**Danger symbol:**

**Xi, IRRITANT**, contains 3-Aminomethyl-3,5,5-trimethylcyclohexylamin m-Xylendiamin

**R- Phrases:** R 36/38 Irritating to eyes and skin.  
R 41 Risk of serious damage to eyes.

**S- Phrases:** S 2 Keep out of reach of children.  
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 28 After contact with skin, wash immediately with plenty of water.  
S 37/39 Wear suitable gloves and eye/face protection.

## 16. OTHER INFORMATION

### Explanation to R-phrases in section 2

R 21/22 Harmful in contact with skin and if swallowed.

R 34 Causes burns.

R 43 May cause sensitization by skin contact.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This MSDS is issued in accordance with the EU Regulation 1907/2006/EC concerning REACH. The classification and labelling of the preparation are made according to the EU Directive 1999/45/EC as well as the international transport regulation is being considered.

The information contained herein relates only to the specific product identified. The information given is designed only as a guidance for safe handling, use, storage, transportation, disposal and release and is not to be considered a warranty or guarantee or quality specification. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

**EPOKSIL is two pack epoxy water based paint. Consider also MSDS for EPOKSIL-Comp. B.**

Date of the 1<sup>st</sup> preparation: May 15, 2000

Date of previous issue: February 5, 2008

Date of revision (version 04): February 10, 2009

**This MSDS has been revised in sections: 1, 2, 3 and 16**