

**MATERIAL SAFETY DATA SHEET****JUBOSIL H**Page 1/5
Date of issue
Feb. 10, 2009**Version 06****1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

Product name: JUBOSIL H

Product description: Silicone masonry water repellent.

Producer: JUB chemical industry
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2. HAZARDS IDENTIFICATION

Human health hazards: May cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Solvent based (aliphatic hydrocarbon) siloxane

Hazardous ingredients	Wt.-%	CAS-No. EC-No. INDEX-No.	Danger symbol	Risk phrases
Naphta (petroleum), hydrotreated, heavy	92	64742-48-9 265-150-3 649-327-00-6	Xn	65-66

4. FIRST AID MEASURES

Inhalation Remove to fresh air. Administer artificial respiration if breathing is stopped. Call for prompt medical attention.

Skin contact Remove contaminated clothing. Wash skin with water, use soap.

Eyes contact Flush eyes with water for 10 to 15 minutes, if necessary get medical attention.

Ingestion Do not induce vomiting. Keep at rest. **Obtain medical attention immediately.**

5. FIRE-FIGHTING MEASURES

Extinguishing media. Foam, water spray or fog, dry powder.

Fire fighting procedures. Keep adjacent containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions. Ventilate confined spaces. Avoid prolonged contact with skin. Remove ignition sources.

Environmental precautions. Prevent contamination of soil and 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. Remove ignition sources. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas.

Storage. Keep containers closed. Store in a cool, well-ventilated place. Protect material from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering control measures. Use only in well-ventilated areas.

Occupational exposure limits. This product contains Naphta 1000 mg/m³ (200 ppm) for an 8-hour workday (Group 1, TRGS 900/901, 1997, Germany).

Respiratory protection. Normally not necessary. If risk of inhalation wear respirator with built-in filter for organic solvents.

Hand protection. Nitrile rubber(chemical resistant) gloves.

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, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	clear liquid
Colour:	colourless
Odour:	typical(aliphatic)
pH:	n. a.
Boiling point / range:	180 - 217 °C(for the solvent)
Flash point:	54 °C (method: Abel Penski)
Autoignition temperature:	> 200 °C (for the solvent)
Density:	0,803 g/cm ³ /20°C
Viscosity:	25 s (ISO 2431)
Explosion limits:	
lower:	0,6 vol.% (for the solvent)
upper:	7,0 vol. %
Vapour pressure:	0,1 kPa/20°C (for the solvent)
Solubility in water:	0,10 wt. %
Solids content:	9 – 12 wt.%

10. STABILITY AND REACTIVITY

Stability. Stable under normal use conditions.

Hazardous decomposition products. None known. Avoid strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Basis for assessment. Information given is based on data on the components and the toxicology of similar products. **The fully cured product is not health hazardous.**

Acute toxicity:

Vapour concentration above recommended exposure levels may be irritating to eyes and the respiratory tract, may cause headaches and dizziness.

Aspiration into the lungs may cause chemical pneumonia which can be fatal. Repeated skin contact may cause dryness of the skin.

Primary irritation effects:

Eye irritation: not expected to be irritating.

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.

Persistence/degradability. Expected to be inherently biodegradable.

Mobility. Disperses rapidly in air. Floats on water. Product remaining on soil surface will partly evaporate.

Ecotoxicology. Practically non toxic for fish and 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:
UN number: 1263
Class: 3 (Flammable liquid)
Packing group: III
Danger label: 3
Danger number: 30
Transport document name: Paint related materials (contains trimetoxi 2,4,4-trimethylpenthyl silan)

15. REGULATORY INFORMATION

Danger symbol:

Xn, HARMFUL, contains naphta

R- Phrases: R 10 Flammable
R 65 May cause lung damage if swallowed.
R 66 Repeated exposure may cause skin dryness or cracking.

S- Phrases: S 2 Keep out of reach of children.
S 23 Do not breathe vapour.
S 24 Avoid contact with skin.
S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Explanation to R-phrases in section 2

R 65 May cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

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.

Date of the 1st preparation: November 15, 2000

Date of previous issue: February 5, 2008

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