

MARKEM®
Material safety data sheet
 According to 91/155/EWG

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Printed: June 26, 2003

Product description: 5000 UV Mask Yellow

1.) Chemical product and company identification:

Product description: 5000 UV Mask Yellow

Company: Lüscher AG Hauptstrasse 246 CH - 5725 Leutwil Tel.: 0041 62 767 76 77	Emergency reponse numbers: USA: 001/800/424/9300 International: 001/703/527/3887
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2.) Hazardous ingredients

Component	CAS #	PCT(WD)
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This product do not contain dangerous substance, according to OSHA Hazard Communication Standard, 29 CFR 1910.1200

3.) Hazards identification

HMIS Rating System		NFPA Rating System	
Health:	1	Health:	1
Flammability:	1	Flammability:	1
Reactivity:	0	Reactivity:	0
Protection:	B	Protection:	B

Potential health considerations:

Possible routes of entry: Inhalation, Contact

Target organs: Respiratory tract, Skin, Eyes

Potential immediate effects from overexposure

Eyecontact: Can cause minor irritation, tearing and reddening.
 Exposure to hot material may cause thermal burns.
 Can cause mechanical irritation if dusts are generated.

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Skin contact: No hazard in normal industrial use.

Contact with product at elevated temperatures can result in thermal burns.

Skin absorption: No hazard in normal industrial use.

Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion: No hazard in normal industrial use.

Potential Long-term effects from overexposure

Cancer Information: None of the substances have been shown to cause cancer. Not a carcinogen according to NTP, IARC or OSHA.

Reproductive system information: None of the substances have been shown to cause reproductive system disorders.

4.) First aid measures

Eye contact: Immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention.

Skin contact: Wash with soap and water. Get medical attention if irritation develops and persists.

Inhalation: Remove to fresh air. If not breathing, perform rescue breathing and, if available, have a trained person administer oxygen. Get medical attention immediately.

Ingestion:

Emergency personnel should be contacted immediately and be provided with this MSDS. For ingestion of small quantities of chemicals, the risk associated with inducing vomiting usually exceeds the poisoning risk.

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5.) Fire fighting measures**Flammability data**

Flash point: > 200 F
Explosive/flammability limits estimated from ingredients:
Lower limit: Not determined
Upper limit: Not determined

Extinguishing media: Use alcohol foam, carbon dioxide, dry chemical powder or water spray to extinguish fire

Fire fighting instructions: Use fire fighting procedures for combustible/flammable materials.

Hazardous combustion products: none known

6.) Accidental release measures

No special spill clean-up considerations. Follow personal protective equipment recommendations found in this MSDS.

7.) Handling and Storage

Handling: No special handling instructions.

Storage: No special requirements

8.) Exposure controls and personal protection

Engineering controls: No exposure limits exist for the constituents of this product. Use process enclosures, local exhaust ventilation, or other engineering controls to minimize exposures and maintain operator comfort.

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Respiratory protection: May not be required under normal conditions of use. If local exhaust ventilation is not available, a respiratory protection program following the guidelines of OSHA standard 1910.134 should be considered.

Eye protection: Chemically resistant safety glasses with side shields must be worn when handling this product. Contact lenses should not be worn. An eye wash station should be available.

Skin protection: Depending upon conditions of use, wear protective gloves and other protective equipment. Inspect gloves for chemical break-through and replace as needed.

Clean equipment thoroughly after each use.

Appropriate gloves to be used for MARKEM Products that are mixtures have not been determined. Glove type(s) for ingredients present at 10% or more (if known) are:

No information available

9.) Physical and chemical properties - Product mixture

Appearance:	solid
Color:	yellow
Odor:	Characteristic
Specific gravity:	1.10 g/ml
Water soluble:	yes
Vapor pressure:	<0.01 mmHg
Evaporation rate:	Not determined
pH:	Not determined
Viscosity:	Not determined
VOC content:	Not determined

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Vapor destinity: heavier than air
 Freezing point: Not determined
 Boiling PT or range: Not determined

9.1) Exposure, Physical and chemical properties for ingredients

Component	TLV	PEL	STEL
	ND	ND	ND

Component	specific gravity	EVAP Rate N-Butyl	Water solubility	Vapor pressure
	g/ml	Acetate=1	%	mmHg

10.) Stability and reactivity

Stability: Stable under normal conditions

Conditions to avoid: None known.

Incompatibility: None known.

Hazardous decomposition products: None known.

11.) Toxicological information

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No toxic or lethal dose data available.

12.) Ecological information

No information available.

13.) Disposal considerations

Potential EPA Waste code(s): Not determined

Disposal: Dispose of in accordance with all federal, state, local or provincial regulations.

14.) Transport information, DOT and IATA

DOT & IATA: Not restricted

15.) Regulatory information:

Those ingredients appearing on the following list that do not appear in Section 2 are present at <0,1% for carcinogens, <1% for other hazardous substances, or are not considered hazardous in this product.

No CERCLA RQ Chemicals

No SARA 313 Chemicals

No WHMIS Workplace Hazardous Materials

No TSCA 12 (b) Substances

No RCRA Disposal restrictions

16.) Other informations:

No other informations available.