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SAFETY DATA SHEET

Reference : 0036.3.DB/DR

LMA 2001 Silicone

Date : 26.05.2006
Replaces : 03.10.2005

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : LMA 2001 Silicone
Use of the product : Sealant for the building industry
Supplier : See above
Emergency phone number : 01226 771600

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Polysiloxane based mixture with fillers and cross linkers

Hazardous ingredients =1% and toxic ingredients = 0,1%	CAS Number	Einecs Number	Weight %	Danger Symbol	Risk Phrases
Hydrocarbon C_{13-16}	68551-20-2	271-370-0	5-10	Xn	65
Methyltriacetoxysilane mixed with	4253-34-3	224-221-9	<5	C	14-34
Ethyltriacetoxysilane	17689-77-9	241-677-4		C	14-34

3. HAZARDS INDENTIFICATION

Potential health effects : May irritate eyes, respiratory system and skin

4. FIRST AID MEASURES

Eyes : In case of contact flush eyes immediately with plenty of water for at least 15 minutes. Lift eyelids and rinse well underneath them. Get medical attention if irritation persists.
Mouth (ingestion) : Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.
Lungs (inhalation) : Fresh air and rest. Get medical attention if complaint persists.
Skin : Remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.
Clothes : Remove polluted clothing.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO_2, powder, foam and water spray.
Unsuitable extinguishing media : Water beam
Special firefighting procedures : Wear protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Keep away from drains and watercourses.
Clean up procedures : Wipe, scrape or soak up in inert material and put in a container for disposal.
Personal precautions : Wear proper protective equipment as described in the 'eye and skin protection' section of chapter 8.

7. HANDLING AND STORAGE

Handling : Handle in well-ventilated area. During curing a small amount of acetic acid is emitted. Avoid contact with skin, eyes and do not swallow.
Storage : Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit : MAC-TLV acetic acid (CAS Nr 64-19-7): 10 ppm, 25mg/m^3
Respiratory protection : Avoid breathing the vapor. Maintain good ventilation.
Eye and skin protection : Avoid contact with skin and eyes. Wear safety glasses.
Industrial hygiene : When using do not eat, drink or smoke. Wash hands after work and before breaks. Don't rub eyes with dirty hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	paste		**Flash point**	:	NA	°C
Colour	:	miscellaneous		**Lower explosion limit**	:	NA	vol-%
Odour	:	weak		**Upper explosion limit**	:	NA	vol-%
Density (water=1)	:	0,99	g/ml	**Ignition temperature**	:	± 400	°C
pH (water=7)	:	NA		**Vapour pressure**	:	NA	mbar
Boiling point (water =100)	:	NA	°C	**Mixable with water**	:	no	
Freezing point (water = 0)	:	NA	°C	**Mixable with organic solvents**	:	yes	
				VOC-content	:	0	Weight-%

10. STABILITY AND REACTIVITY

Hazardous decomposition products : Acetic acid during curing
Materials to avoid : Water, alcohols and bases
Conditions to avoid : Unknown

11. TOXICOLOGICAL INFORMATION

Product information		Acetic Acid	Methyltriacetoxy silane	Ethyltriacetoxy silane	Hydrocarbon C_{13-16}
Acute oral LD50 (mg/kg)	:	3310 (rat)	2060 (rat)	2415(rat)	unknown
Acute dermal LD50 (mg/kg)	:	1060 (rabbit)	unknown	unknown	unknown
Acute inhalation LC50 (mg/l)	:	160000 (4h)	unknown	unknown	unknown

Other information: Unknown

For information on hazardous substances see ‘chapter’ 2.

12. ECOLOGICAL INFORMATION

Avoid uncured product will come in the environment.

Degradability : Silicone part not biological degradable
Ecotoxicity : Unknown
WGK (Germany) : 1

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local legislation.

Waste code uncured (Germany) : 080402
Waste code cured (Germany) : 080404

14. TRANSPORT INFORMATION

By sea according IMDG-Code : Not Applicable.
By land according ADR : Not Applicable.
By air according ICAO/IATA-DGR : Not Applicable.
UN-number : Not Applicable.
Proper shipping name : Not Applicable.

15. REGULATORY INFORMATION

To the labeling requirements of EC Directives 67/548/EC and 1999/45/EC:

Danger symbol : Not Applicable.
Contains : Not Applicable.
R-phrases : Not Applicable.
S-phrases : Not Applicable.
For professional user : Safety Data Sheet available for professional user on request.

16. OTHER INFORMATION

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC.
This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made.
The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

NA : Not Applicable
Unk : Unknown
14 : React violently with water.
34 : Causes burns.
65 : Harmful: may cause lung damage if swallowed.