

Safety Data Sheet (1907/2006/EC)Material: 60003739 ELASTOSIL® A33
IVORY

Version: 1.9 (REG_EUROPE) Date of print: 19.02.2010 Date of last alteration: 03.12.2009

1 Identification of the substance/preparation and company**1.1 Name of substance/preparation**Commercial product name: ELASTOSIL® A33
IVORY**1.2 Use of substance / preparation**Industrial.
Raw material for: elastomer products .**1.3 Company name**Manufacturer/distributor: Wacker Chemie AG
Street/POB-No.: Hanns-Seidel-Platz 4
State/postal code/city: D 81737 München
Telephone: 089/6279-0
Telefax: 089/6279-1770

Information about the Safety Data Sheet:	Telephone	+49/(0) 8677/83-4888
	Telefax	+49/8677/886-9722
	eMail	WLCP-MSDS@wacker.com

1.4 Emergency telephone numberEmergency Information (German): plant fire brigade +49/(0) 8677/83-2222
Emergency Information (internat.): National Response Center +49/(0) 621/60-43333**2 Hazards identification****2.1 Classification**

R-Phrase	Description
R36/38	Irritating to eyes and skin.

2.2 Further hazards to man and environment

Inhalation of aerosol spray may damage health.

3 Composition/information on ingredients**3.1 Chemical characterization (preparation)**

Chemical characteristics
Polydimethylsiloxane + auxiliary + Aminosilane

3.2 Hazardous ingredients

EC-No.	CAS No.	Material	Content %		Warning Label (EC)	
			from	to	Symbol	R-Phrases
240-040-8	15901-40-3	N,N',N''-Tricyclohexyl-1-methylsilanetriamine		<5,0	C	21/22-35

R-Phrase	Description
R21/22 R35	Harmful in contact with skin and if swallowed. Causes severe burns.

4 First-aid measures**4.1 General information:**

Take persons to a safe place. Observe self-protection for first aid. Seek medical advice in the event of contact with this substance.

4.2 After inhalation

Keep the patient calm. Protect against loss of body heat. Seek medical advice and clearly identify substance.

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4.3 After contact with the skin

Wipe off excess material with cloth or paper. Remove contaminated or soaked clothing. Wash off with plenty of water or water and soap immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice and clearly identify substance.

4.4 After contact with the eyes

Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Seek medical advice and clearly identify substance.

4.5 After swallowing

If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance.

4.6 Advice for the physician

After inhalation: treat as early as possible using cortisone spray.

5 Fire-fighting measures**5.1 Suitable extinguishing media**

water mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

5.2 Extinguishing media which must not be used for safety reasons

water spray , water jet .

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Hazardous combustion products: nitrous gases .

5.4 Special protective equipment for fire fighting

Use respiratory protection independent of recirculated air.

6 Accidental release measures**6.1 Personal precautions**

Wear personal protection equipment (see section 8). Avoid contact with eyes and skin. Avoid inhaling mists and vapours. If material is released indicate risk of slipping.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water.

6.3 Methods for cleaning up

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

7 Handling and storage**7.1 Handling****Precautions for safe handling:**

Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Ensure adequate ventilation. Avoid contact with acids. Spilled substance increases risk of slipping.

Precautions against fire and explosion:

Observe the general rules for fire prevention. Cool endangered containers with water.

7.2 Storage**Conditions for storage rooms and vessels:**

none known

Advice for storage of incompatible materials:

not applicable

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Further information for storage:

Keep container tightly closed and store in a cool, well ventilated place.

8 Exposure controls and personal protection equipment**8.1 Exposure limits**

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8.2 Exposure limited and controlled**8.2.1 Exposure in the work place limited and controlled****General protection and hygiene measures:**

Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling.

Personal protection equipment**Respiratory protection**

In accordance with instructions: not required . In case of aerosol- or mist formation use respiratory protection. combi filter A/P2 .

Hand protection

nitrile rubber protective gloves . Protective gloves made of butyl rubber . Gloves suitable for up to 60 minutes' use.

Eye protection

tight fitting protective goggles .

Skin protection

protective clothing .

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

9 Physical and chemical properties**9.1 General information**Physical state / form.....: paste
Colour.....: creamy
Odour.....: strong**9.2 Important information about the protection of health, safety and the environment Method:**Melting point / melting range.....: not applicable
Boiling point / boiling range.....: not applicable
Flash point.....: > 200 °C
Ignition temperature: approx. 440 °C (DIN 51794)
Lower explosion limit (LEL).....: not applicable
Upper explosion limit (UEL).....: not applicable
Vapour pressure.....: not applicable
Density.....: 1,15 g/cm³ at 25 °C (DIN 51757)
Water solubility / miscibility.....: virtually insoluble at 20 °C
pH-Value.....: not applicable
Viscosity (dynamic).....: not applicable**9.3 Other information**

Re 9.2 pH Value: Product displays basic reaction with water.

10 Stability and reactivity**10.0 General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid

moisture .

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10.2 Materials to avoid

Reacts with: acids and Water. Reaction causes the formation of: amines .

10.3 Hazardous decomposition products

Under the effect of humidity, water and protic agents: amines . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation. .

11 Toxicological information**11.0 General information:**

After cross-linking and removal of volatile substances product is not mutagenic nor cancerogenic nor teratogenic and is not hazardous to man and environment. Note indications of danger and safety advice (R- and S-phrases) in section 15.

11.1 Toxicological tests**Further information:**

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11.2 Experience with man

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11.3 Further toxicological information

Assessed on the basis of constituents: Irritating to eyes and skin. In contact with dampness product separates a small quantity of cyclohexylamine (108-91-8) which irritates skin, mucous membranes and respiratory system.

12 Ecological information**12.1 Ecotoxicity**

According to past experience toxicity to fish is improbable.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

According to current knowledge adverse effects on water purification plants are not expected.

12.2 Mobility

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12.3 Persistence and degradability**Biodegradation / further information:**

Biologically not degradable.

Further information:

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12.4 Bio-accumulation potential

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12.5 Other harmful effects

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12.6 Additional information**General information:**

In cross-linked state not soluble in water. Easily separable from water by filtration.

13 Disposal considerations**13.1 Material****Recommendation:**

Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.

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13.2 Uncleaned packaging**Recommendation:**

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

14 Transport information**14.1 Land transport ADR and RID****Road ADR:**

Valuation.....: Not regulated for transport

Railway RID:

Valuation.....: Not regulated for transport

14.2 Transport by sea IMDG-Code

Valuation.....: Not regulated for transport


14.3 Air transport ICAO-TI/IATA-DGR

Valuation.....: Not regulated for transport

14.4 Transport/further information**Informing dept. ref. to heading 14. Transport information:**

Department Hazardous Materials Service, Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

15 Regulatory information**15.1 Warning Label (EC)**

	Xi	Irritant
R-Phrase	Description	
R36/38	Irritating to eyes and skin.	
S-Phrase	Description	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	

15.2 National regulations

National and local regulations must be observed.

15.3 Other international regulations**Details of international registration status**

Listed on or in accordance with the following inventories:

IECSC - China
EINECS - Europe
TSCA - USA
ENCS - Japan
ECL - Korea
DSL - Canada
AICS - Australia

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16 Other information

16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -