



DRAWIN

Safety Data Sheet (1907/2006/EC)

Material: 60019661

ELASTOSIL® E43 TRAN 01

Version: 2.2 (GB)

Date of print: 16.01.2012

Date of last alteration: 02.12.2009

1 Identification of the substance/preparation and company

1.1 Name of substance/preparation

Commercial product name: ELASTOSIL® E43 TRAN 01

1.2 Use of substance / preparation

Industrial.
Raw material for: elastomer products .

1.3 Company name

Manufacturer/distributor: DRAWIN Vertriebs-GmbH
Street/POB-No.: Rudolf-Diesel-Straße 15
State/postal code/city: D 85521 Ottobrunn
Telephone: +49 89 60869-0
Telefax: +49 89 60869-250

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

1.4 Emergency telephone number

Emergency Information (German): plant fire brigade +49 8677 83-2222
Emergency Information (internat.): National Response Center +49 621 60-43333

2 Hazards identification

2.1 Classification

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

3 Composition/information on ingredients

3.1 Chemical characterization (preparation)

Chemical characteristics
Polydimethylsiloxane and fillers and auxiliaries and acetoxy silane cross-linker

3.2 Hazardous ingredients

EC-No.	CAS No.	Material	Content %		Warning Label (EC)	
			from	to	Symbol	R-Phrases
224-221-9	4253-34-3	Triacetoxymethylsilane		<5,0	C	14-22-34
213-928-8	1067-33-0	Di-n-butyltin diacetate		<0,1	T, N	60-61-22-34-48/25-68-50/53

R-Phrase	Description
R14 R22 R34	Reacts violently with water. Harmful if swallowed. Causes burns.
R60 R61 R22	May impair fertility. May cause harm to the unborn child. Harmful if swallowed.
R34 R48/25	Causes burns. Toxic: danger of serious damage to health by prolonged exposure if swallowed. Possible risk of irreversible effects. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R68 R50/53	

4 First-aid measures

4.1 General information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).



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4.2 After inhalation

Material cannot be inhaled under normal conditions.

4.3 After contact with the skin

Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

4.4 After contact with the eyes

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

4.5 After swallowing

Give several small portions of water to drink. Do not induce vomiting.

5 Fire-fighting measures

5.1 Suitable extinguishing media

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

5.2 Extinguishing media which must not be used for safety reasons

water jet .

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

Hazardous decomposition products: acetic acid .

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.

6.2 Environmental precautions

Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth).

6.3 Methods for cleaning up

Do not flush away with water. Take up mechanically and dispose of according to local/state/federal regulations. Absorb with liquid, mainly acid binding material and dispose of according to local/state/federal regulation. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

6.4 Further information:

Eliminate all sources of ignition.

7 Handling and storage

7.1 Handling

Precautions for safe handling:

Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10.2.

Precautions against fire and explosion:

Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.



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7.2 Storage

Conditions for storage rooms and vessels:
none known

Advice for storage of incompatible materials:
not applicable

Further information for storage:
Protect against moisture. Keep container tightly closed and store in a cool, well ventilated place. Do not store in open air.

Minimum temperature allowed during storage and transportation: 0 °C

8 Exposure controls and personal protection equipment

8.1 Exposure limits

Maximum airborne concentrations at the workplace:

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
64-19-7	Acetic acid	OEL	25,0	10,0		

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 breathe vapours. Do not eat, drink or smoke when handling.

Personal protection equipment

Respiratory protection

In case of long or strong exposure: gas mask filter ABEK .

Hand protection

protective gloves made of fluorinated 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.....: transparent
Odour.....: pungent

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.....: not applicable
Ignition temperature: approx. 460 °C
Lower explosion limit (LEL).....: not applicable
Upper explosion limit (UEL).....: not applicable
Vapour pressure.....: not applicable
Density.....: 1,09 g/cm³ at 20 °C (DIN 53217)
Water solubility / miscibility.....: virtually insoluble
pH-Value.....: not applicable
Viscosity (dynamic).....: 250000 mPa.s (DIN EN ISO



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9.3 Other information

Re 9.2 solubility in water: Hydrolytic decomposition occurs. Re 9.2 pH Value:
Product displays acidic reaction with water. Explosion limits for released acetic
acid: 4 - 17%(V).

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 .

10.2 Materials to avoid

Reacts with: water , basic substances and alcohols . Reaction causes the formation of: acetic acid .

10.3 Hazardous decomposition products

By hydrolysis: acetic acid . 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:

Product not investigated. 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

-

11.3 Further toxicological information

Classification based on ingredients: Irritating to eyes and skin.

12 Ecological information

12.1 Ecotoxicity

Species	Test method	Exp. time	Result	Source
Desmodesmus subspicatus	acute	72 h	> 100 mg/l (ErC50)	Conclusion by analogy

No expected damaging effects to aquatic organisms.

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

Bioaccumulation is not expected to occur.

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. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.

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.

13.3 Waste Disposal Legislation Ref.No. (EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

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

Marine Pollutant.....: no

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



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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.
S46	If swallowed, seek medical advice immediately and show this container or label.

15.2 National regulations

National and local regulations must be observed.

SI 2002/1689:	CHIP Regulations 2002
SI 2002/2677:	COSHH Regulations 2002
SI 1999/3242:	Management of Health & Safety at Work Regulations 1999
Health & Safety at Work Act 1974	
SI 1993/1643:	Environmental Protection Act 1993 & Subsidiary Regulations.
Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.	

15.3 Other international regulations

Details of international registration status

Listed on or in accordance with the following inventories:

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

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 -