

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: **Adesivo sigillante KD MULTI 40**

Article-No.: 534058, 534059

Revision date: 16.03.2015

Version: 1.0/en



Print date: 17.03.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name **Adesivo sigillante KD MULTI 40**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses adhesive

1.3 Details of the supplier of the safety data sheet

Company designation fischer italia S.R.L
Corso Stati Uniti, 25 Casella Postale 391
35127 Padova Z.I. SUD
Telephone: +39 04 98 06 31 11
FAX: +39 04 98 06 34 01
Email: sercli@fischeritalia.it
Internet: <http://www.fischeritalia.it>

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Reg- This product is classified as not hazardous according to regulation
ulation (EC) No. 1272/2008 (EC) 1272/2008 [CLP].

Classification according to Di- This product is not classified as dangerous according to 67/548/
rective 67/548/EEC / 1999/45/ EEC / 1999/45/EEC.
EEC

2.2 Label elements

Labelling according to Regulation The product does not have to be labelled according to Regulation (EC)
(EC) No. 1272/2008 [CLP] No. 1272/2008 [CLP].

2.3 Other hazards

Health hazard None known.

Particular information pertain- None known.
ing specific risk for human / en-
vironment

Indication of danger None known.

Hazard precautions None known.

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SECTION 3: Composition/information on ingredients

Hazardous ingredients

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
Reaktionsmasse aus Octadecanamid, 12-Hydroxyn-[2-[(1-oxodecyl)amino]ethyl]- und n,n-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amid) und Decanamid, n,n-1,2-Ethandiylbis	EC-No.: 907-495-0	R52/53	2.5 - 25.0 % by weight
		Aquatic Chronic 3;H412	
Diocylbis(pentan-2,4-dionato-O,O)zinn	CAS No.: 54068-28-9 EC-No.: 483-270-6 REACH No.: 01-0000020199-67	Repr. Cat. 3; R62 R63 Xn; R48/20/21/22 R43 R52/53	0.1 - 1.0 % by weight
		Repr. 2; H361fd STOT RE 2; H373 Skin Sens. 1; H317 Aquatic Chronic 3; H412	
Zink-Pyrithion	CAS No.: 13463-41-7 EC-No.: 236-671-3	T; R23 Xn; R22 Xi; R38 R41 N; R50 Acute Tox. 3; H301 H331 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0.01 - 0.1 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	If symptoms persist, call a physician. Remove/Take off immediately all contaminated clothing.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	If swallowed, seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.
Notes to physician	No data available

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No data available

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention No data available

Special medical treatment No data available

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂)
Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases No hazards to be specially mentioned.

5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes.

Additional information on firefighting Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Keep containers and surroundings cool with water spray. Container may rupture on heating.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.
Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil.
Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Use mechanical handling equipment.
Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections See chapter 7/8/13

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6.5 Additional information

Other information Dispose of in accordance with local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling None under normal processing.

Advice on protection against fire and explosion No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container re-quirements Keep containers tightly closed in a cool, well-ventilated place.
Store in accordance with local regulations.
Keep only in original container.

Hints on storage assembly Store in accordance with the particular national regulations.

German storage class 10 – 13 (TRGS 510)

7.3 Specific end use(s)

Specific use(s) adhesive

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection No personal respiratory protective equipment normally required.

Hand protection Wear protective gloves.

Suitable material: butyl-rubber, Chloroprene, Nitrile rubber

Unsuitable material: PVC disposable gloves

Material thickness: $\geq 0,5$ mm

Break through time: > 120 min

Remarks: Replace when worn. Request information on glove permeation properties from the glove supplier.. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

Eye protection Tightly fitting safety goggles

Skin and body protection Wear suitable protective equipment.

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Note: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

General protective and hygiene measures Smoking, eating and drinking should be prohibited in the application area.
Avoid contact with skin, eyes and clothing.
Take off all contaminated clothing immediately.
Wash hands before breaks and at the end of workday.
Keep away from food, drink and animal feedingstuffs.
Use protective skin cream before handling the product.

Information on environmental protection regulations No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	paste
Colour	various
Odour	characteristic
Odour threshold	not determined
pH	not determined
Melting point [°C] / Freezing point [°C]	No data available
Boiling point [°C]	not determined
Flash point [°C]	No data available
Evaporation rate [kg/(s*m ²)]	No data available
Flammability (solid, gas)	No data available
Explosion limits [Vol-%]	
Lower limit:	not determined
Upper limit:	not determined
Vapour pressure [kPa]	not determined
Relative density	1,6
Temperature:	20 °C
Water solubility [g/l]	insoluble
Solubility [g/l]	No data available
Partition coefficient n-octanol / water (log P O/W)	No data available
Autoignition temperature [°C]	not determined

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Autoinflammability not auto-flammable

Decomposition temperature [°C] not determined

Viscosity, dynamic [kg/(m*s)] not determined

Risk of explosion. Not explosive

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid Not applicable.

10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients

Diocetylbis(pentan-2,4-dionato-O,O)zinn

Oral toxicity [mg/kg]	Test criterion	Test species	Source
2500	LD50	Rat.	100

Source: 100 - 100

Dermal toxicity [mg/kg]	Test criterion	Test species	Source
> 2000	LD50	rat	100

Source: 100 - 100

Irritant effect on skin No skin irritation

Irritant effect on eyes No eye irritation

Sensitization Hautsensibilisierend.

Carcinogenic effects No data available

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Mutagenicity No data available

Reproduction toxicity No data available

Specific target organ toxicity (single exposure) [mg/kg]	Remarks	Source
	No data available	100

Source: 100 - 100

Specific target organ toxicity (repeated exposure) [mg/kg]	Remarks	Source
	No data available	100

Source: 100 - 100

11.2 Additional information

Other information (chapter 11.) There is no data available for this product.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l] Keine Daten verfügbar

Toxicity to daphnia [mg/l] Keine Daten verfügbar

Toxicity to algae [mg/l] Keine Daten verfügbar

12.2 Persistence and degradability

Biodegradability There is no data available for this product.

12.3 Bioaccumulative potential

Bioaccumulation There is no data available for this product.

12.4 Mobility in soil

Mobility There is no data available for this product.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

Further information on ecology No information on ecology is available.
Should not be released into the environment.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations	Disposal together with normal waste is not allowed. Special disposal required according to local regulations. The product should not be allowed to enter drains, water courses or the soil. Empty remaining contents.
Waste Code	080400 – wastes from MFSU of adhesives and sealants (including waterproofing products) 150100 – packaging (including separately collected municipal packaging waste)
Uncleaned empty packaging	Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	No dangerous good according to ADR	No dangerous good according to IMDG	No dangerous good according to IATA
14.2 UN proper shipping name		Non dangerous good	Non dangerous good
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
Danger releasing substance	Not applicable.	Not applicable.	Not applicable.

14.6 Special precautions for user

Precautions not required under normal use

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code not applicable

14.8 Additional information

Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations Not applicable.

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15.2 Chemical safety assessment

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant R-phrases R22: Harmful if swallowed.
R23: Toxic by inhalation.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R48/20/21/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
R50: Very toxic to aquatic organisms.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62: Possible risk of impaired fertility.
R63: Possible risk of harm to the unborn child.

Relevant H-phrases H301: Toxic if swallowed.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure .
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Wording of the hazard classes Aquatic Chronic: Hazardous to the aquatic environment
Repr.: Reproductive toxicity
STOT RE: Specific target organ toxicity – repeated exposure
Skin Sens.: Skin sensitization
Acute Tox.: Acute toxicity
Eye Dam.: Serious eye damage
Aquatic Acute: Hazardous to the aquatic environment

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).