

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

1.1 Product identifier

Trade name: Silicone Glue DX-9012T

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

Application of the substance / the mixture Adhesives

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Tridonic GmbH & Co KG

Färbergasse 15

6850 Dornbirn

Austria

Tel: +43 5572 395-0

sales@tridonic.com

Further information obtainable from:

Gerhard Radl

gerhard.radl@tridonic.com

1.4 Emergency telephone number:

+43 5572 395-0

Available during office hours:

Mo - Fr 8.00 - 16.00 h

Call the national emergency number!

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

EUH210 Safety data sheet available on request.

2.3 Other hazards

Direct contact may cause slight irritation.

May cause slight irritation of the respiratory tract when inhaled.

Results of PBT and vPvB assessment

PBT: No data available.

vPvB: No data available.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

[% (w/w)]

CAS: 70131-67-8 Polymer	polydimethylsiloxane	30 – 60%
CAS: 63148-62-9	polydimethylsiloxane oil	5 – 20%
CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO ₂) substance with a Community workplace exposure limit	0 – 20%
CAS: 4253-34-3 EINECS: 224-221-9	methylsilanetriyl triacetate	1 – 10%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Remove from skin.

Seek medical treatment in case of complaints.

After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical treatment.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Not combustible.

In case of fire, the following can be released:

CO_x

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Do not breathe vapour/spray.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding, inert material (sand, diatomite, acid binders, universal binders).

Clean again.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation.

Keep receptacles tightly sealed.

Avoid contact with skin and eyes.

Avoid breathing mist/vapours/spray.

Use personal protective equipment as required.

Observe protective measures and safety instructions.

Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a dry, cool, well-ventilated area.

Store in accordance with local/regional/national/international regulations.

Information about storage in one common storage facility: Store away from incompatible materials.

Further information about storage conditions:

Keep container tightly sealed.

Protect from moisture.

Protect from heat and direct sunlight.

Recommended storage temperature: room temperature

Storage class: 12

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities:

No further data; see item 7.

Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.

Ingredients with limit values that require monitoring at the workplace:

CAS: 14808-60-7 Quartz (SiO₂)

BOELV (EU)	Long-term value: 0.1* mg/m ³ *respirable fraction
MAK (Austria)	Long-term value: 0.05 A mg/m ³ siehe Anhang III C
MAK (Germany)	alveolengängige Fraktion
LEP (Spain)	Long-term value: 0.05 mg/m ³ *Fracción resp:n,d,y
VLEP (France)	Long-term value: 0.1 mg/m ³ pour la fraction alvéolaire
TWA (Italy)	Long-term value: 0.025 mg/m ³ A2, (j)
WGW (Netherlands)	Long-term value: 0.075 mg/m ³ Geldt voor respirabel stof

Regulatory information

BOELV (EU): 2004/37/EG (EU/2019/983)

MAK (Austria): GKV 2018, 254. Verordnung, 24.9.2018, Teil II

MAK (Germany): MAK- und BAT-Liste

LEP (Spain): Límites de exposición profesional para agentes químicos

VLEP (France): ED 1487 12.2019

TWA (Italy): Valori Limite di Soglia

WGW (Netherlands): Grenswaarden gezondheidsschadelijke stoffen

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DNELs No data available.

PNECs No data available.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Respiratory protection: Not required.

Protection of hands:

Persons with sensitive skin should wear protective gloves as a precaution.

EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses

EN 166

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

Do not allow to enter sewers/ surface or ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid

Colour: Colourless

Odour: slight odor of acetic acid

Odour threshold: No information available.

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pH-value at 20 °C:	7 – 8
Change in condition	
Melting point/freezing point:	No information available.
Initial boiling point and boiling range:	No information available.
Flash point:	Not applicable.
Flammability (solid, gas):	Not applicable.
Decomposition temperature:	No information available.
Auto-ignition temperature:	No information available.
Explosive properties:	No information available.
Explosion limits:	
Lower:	No information available.
Upper:	No information available.
Oxidising properties	No information available.
Vapour pressure:	Not determined.
Density at 20 °C:	1 – 1.3 g/cm ³
Relative density	Not determined.
Vapour density	No information available.
Evaporation rate	No information available.
Solubility in / Miscibility with water:	No information available.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	No information available.
Kinematic:	No information available.
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

Protect from heat and direct sunlight.

Protect from moisture.

10.5 Incompatible materials:

oxidizing agent

water

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10.6 Hazardous decomposition products:

No decomposition if used and stored according to specifications.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Slight irritation possible.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Other information:

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

May cause slight irritation of the respiratory tract.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: No data available.

vPvB: No data available.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Only dispose of product residues via authorised companies according to local legislation.

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European waste catalogue

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
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Uncleaned packaging:

Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

14.1 UN-Number

ADR/RID/ADN, IMDG, IATA not regulated

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA not regulated

14.3 Transport hazard class(es)

ADR/RID/ADN, ADN, IMDG, IATA

Class not regulated

14.4 Packing group

ADR/RID/ADN, IMDG, IATA not regulated

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code

Not applicable.

UN "Model Regulation":

not regulated

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Training hints

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

Department issuing SDS:

UmEnA GmbH

<http://umena.at>

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative