

SAFETY DATA SHEET
according to 830/2015/EC, 28.05.2015



Date: 2010-01-12
Update: 2017-01-20

UNIVERSAL SILICONE

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: UNIVERSAL SILICONE
Article number: 20ml: S-013 – white, S-072 – colourless, S-058 – black, S-065 – grey, S-041 – brown.
70ml: S-273 – white, S-003 – colourless, S-034 – black, S-027 – grey, S-010 – brown.
300ml: S-723 – white, S-730 – colourless, S-099 – black, S-952 – grey, S-914 – brown.

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

identified uses: A silicone adhesive designed for bonding and sealing all materials: glass, metals, wood, marble and ceramic surfaces and so on. After curing creates a durable and elastic joint resistant to aging.
uses advised against: -

1.3. Details of the supplier of the safety data sheet

Manufacturer: NALMAT-Trzebinia
Marian Krzyworzeka
ul. Kościuszki 88
32-540 Trzebinia
tel. +48 32 612 10 10
fax. +48 32 612 10 66
www.technicqll.pl office@technicqll.pl
jakosc@technicqll.pl

1.4. Emergency telephone number:

+ 48 (032) 711 53 27 during normal office hours - Monday - Friday 6.00am - 2.00pm
112

2. Hazards identification

2.1. Classification of the substance or mixture

The mixture has not been as classified as dangerous.

Human health hazards: -
Environmental hazards: -
Physical and chemical hazards: -

2.2. Label elements

-

2.3. Other hazards

PBT – lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.
vPvB - lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.

3. Composition/information on ingredients

3.1. Substance: -

3.2. Mixtures

Description: a mixture based on polysiloxanes with fillers and additives.
The mixture has not been as classified as dangerous.

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Description	CAS	UE	No REACH	Content %	Classification
Metylotriacetoksylan	4253-34-3	224-221-9	01-2119962266-32	1 -< 5	Skin Corr. 1B, H314 Skin Corr. 1C, H314 Acute Tox. 4, H302

The product is tested for 92/69 / EC and is not classified as irritating to the skin

4. First aid measures

4.1 Description of first aid measures

After eye contact:	In case of contact with eyes, immediately flush them with plenty of water for at least 15 min. Eyelids should be held away from eyeballs to ensure thorough rinsing. If irritation persists, contact a doctor.
After skin contact:	Before washing with water and soap, remove the adhesive with a dry cloth or a paper towel. Seek medical advice if irritating develops. Bonded fingers should be carefully separated in a stream of warm water. Do not separated cured adhesive from skin using force.
After inhalation:	Remove victim to fresh air. In case of difficulty in breathing, seek medical advice. In case of unconsciousness the victim should be transported in side position.
After swallowing:	Do not eat! Rinse mouth several times with water. Consult a doctor showing this MSDS. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

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4.3. Indication of any immediate medical attention and special treatment needed

The decision of the method of further procedure should be made by a doctor after exact assessment of victim's conditions.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: CO₂, extinguishing powder, extinguishing foam resistant to alcohols, atomized water jet.
Unsuitable extinguishing media: high volume water jet.

5.2. Special hazards arising from the substance or mixture

No data.

5.3. Advice for firefighters

Basic principles in case of fire in neighbourhood
immediately call the Fire Brigade,
inform the neighbourhood about the fire,
ensure a free evacuation route,
remove from the danger zone all persons not taking part in liquidation of the fire,
containers exposed to the fire or high temperatures cool with water from a safe distance,
Special protective equipment:
Anti-gas clothes in electrostatic version- protective gloves, protective glasses tightly adhering to face, as well as self-contained breathing apparatus.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For persons not belonging to the staff removing the results of accident: Limit access of outsiders to the accident area until cleaning operation is finished. Avoid pollution of eyes and skin. Ensure good ventilation.

6.2. Environmental precautions:

Do not allow the product to reach sewage system and ground water.

6.3. Methods and material for containment and cleaning up:

Methods of cleaning and collecting: bigger quantities of the product should be taken up and collected in a tightly closed container. Store in accordance with local and state regulations.

6.4. Reference to other sections

Information concerning safe holding – section / chapter 7.

Information concerning personal protective equipment - section / chapter 8.

Information concerning utilisation - section / chapter 13.

7. Handling and storage

7.1. Precautions for safe handling:

Handling and storage:

Observe the general rules of hygiene and safety in a work place. Use away from fire sources and possible ignition in well ventilated places. Do not eat, drink and smoke during work. Use protection of eyes, hands and inhalation system.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Store in dry and well ventilated rooms in closed original containers at temperatures 5°C - +25°C. Keep away from ignition sources. Do not smoke near warehouse. In household conditions the product should be stored in original tightly closed containers in cool and well ventilated places out of reach of children. Do not store together with food and drinks.

7.3. Specific end use(s)

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8. Exposure controls/personal protection

The personal protection media should fulfil the requirements of instructions of the Cabinet of 21.12.2005 (Dz. U. No. 259, pos. 2173) Directive 89/686/WE (together with later changes). The employer is obliged to ensure measures of personal protection suitable for activities that are made and their cleaning and maintenance.

8.1. Control parameters

Ingredients with limit values that require monitoring at the work place.

Exposure control	NDS [mg/m ³]	NDSCH [mg/m ³]
-	-	-

8.2. Exposure controls

Breathing equipment:

Avoid breathing vapours. Ensure a good ventilation in a work places. In case of brief exposure - use cleaning equipment with a multi-gas absorber. In case of longer exposure or in high concentrations - self-contained breathing equipment independent of surrounding air.

Protection of hands:

Protective gloves made of materials resistant to organic solvents.

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Eye protection:

Avoid contact with eyes. Use protective glasses or use whole masks shielding face.

Protection of body:

Antielectrostatic working clothes.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Thixotropic paste
Colour	White, colourless, black, grey, brown
Odour	Acetic acid
Density	0,96 – 0,99 g/ml
Boiling point	125 °C
Self-ignition point	400°C
Solubility in water	insoluble
Solubility in ketones and esters	insoluble
Content of organic compounds	0,0%
Extrusion rate	600 g/min

9.2. Other information

Lack of additional tests.

10. Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable if it is correctly stored and handled.

10.3. Possibility of hazardous reactions

Reacts with oxidizing agents, alkalis, alkaline materials, amines and peroxides.

10.4. Conditions to avoid

Keep away from ignition and heat sources and direct action of sun rays and moisture.

10.5. Incompatible materials

No data.

10.6. Hazardous decomposition products

Acetic acid is produced during curing. In case of burning: CO, CO₂, SiO₂, toxic gasses and fumes are emitted.

11. Toxicological information

11.1. Information on toxicological effects

Effects of acute exposure in humans

Inhalation: In high concentrations, vapours are irritating to the mucous membranes of the respiratory system and eyes.

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Effect on central nervous system is manifested by stupor, pain and dizziness, drowsiness, and in case of high concentrations may cause respiratory problems, loss of consciousness and even death.
Skin contact: Repeated exposure may cause skin dryness or cracking. Allergic individuals should exercise extreme caution. If contacts are prolonged there is a possibility of burns.
Eye contact: redness, tearing, sore eyes.
Ingestion: gastrointestinal irritation, abdominal pain, nausea, vomiting, diarrhea. May cause lung damage if swallowed.

12. Ecological information

12.1. Toxicity

Do not allow the mixture to reach sewage system.

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

Do not possess potential for bioaccumulation.

12.4. Mobility in soil

No data.

12.5. Results of PBT and vPvB assessment

PBT	Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.
vPvB	Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.

12.6. Other adverse effects

No data.

13. Disposal considerations

13.1. Waste treatment methods

Cover arisen waste an absorptive material e.g. sand, diatomaceous earth, sawdust – take up and collect in closed containers and undergo neutralization in accordance with local and state regulations. Remove polluted packages in accordance with obligatory regulations.

Procedure with waste product:

Do not allow the product to reach sink basins, water basins and sewage system.

Small quantities at the consumer's – treat as communal waste from a household. Big quantities of the waste product should not be disposed together with communal waste. Liquidate in waste treatment/disposal plants, in accordance with obligatory regulations.

Procedure with waste packages at the consumer's:

Treat the package after the product as communal waste.

Procedure with waste packaging containing the product residues (bigger quantities)

Transfer to utilization in accordance with obligatory regulations.

Waste code:

Content of package:

Kind of waste: waste adhesives and sealants other than mentioned in 08 04 09

Waste code: 08 04 10

Package:

Kind of waste: metal packages

Waste code: 15 01 04

Kind of waste: plastic packages

Waste code: 15 01 02

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EU Legal Instruments

Directives of European Parliament and Council 2006/12/EC and 94/62/EC, Directive of Council 91/689/EEC

14. Transport information

14.1. UN-Number:

The product does not create any threat in transport. It is not subject to RID/ADR regulations. It can be transported in any means of transport in hermetically closed packages.

**Land transport ADR/RID and GGVSEB
(international/state)**

Class ADR/RID- GGVSEB

Sea transport IMDG/VSee:

Class IMDG/VSee

Air transport ICAO – TI I IATA – DGR:

Class ICAO/IATA

14.2. Proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Hazards to environment

Not applicable.

14.6. Special precautions for user

While handling the cargo, apply personal protection measures according to section 8.

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

15. Regulatory information

15.1. Legislation related to safety, health and environment protection specific for substance or mixture:

The regulation of European Parliament and Council (EC) no. 1907/2006 of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH), for establishing the European Chemical Agency, changing the directive 1999/45/EC and cancelling the regulation of EEC) no.793/93 and the regulation of Committee(EC) no.1488/94, as well as the directive of council 76/769/EEC and the directives of Committee 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC,

The regulation of European Parliament and Council (EC) no.1272/2008 of 16 December 2008 concerning the classification, labelling and packing the substances and mixtures, changing and cancelling the directives 67/548/EEC and 1999/45/EC and changing the regulation (EC) no.1907/2006

The regulation of Committee (EC) no.790/2009 of 10 August 2009 adopting to the scientific and technological progress the regulation of European Parliament and Council (EC) no 1272/2008 of 16 December 2008 concerning the classification, labelling and packing the substances and mixtures

The regulation 453/2010/EU Council of 10.05.2010 changing the regulation no. 1907/2006/EU of European Parliament and Council concerning the registration, estimation, granting permissions and suitable limits in the range of chemicals (REACH)

The directive of European Parliament and Council no.2006/12/EC of 5 April 2006 concerning waste.

The directive of Council no. 91/689/EEC of 12 December 1991 concerning dangerous waste.

The directive of European Parliament and Council no 94/62/EU. of 20 December 1994 concerning packaging and packaging waste.

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15.2. Estimation of chemical safety:

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16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

MSDS developed by NALMAT Trzebinia