

According to directive 1907/2006/EC, 2020/878
Version 6.0 Revision Date: 05-02-2024
Trade name: Kneading silicone Resilstuc

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

1.1 Product identification:

Product name: Kneading silicone Resilstuc

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

Relevant applications: Gum. For professional users/industrial user only.

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

This product contains less than 1% of crystalline silica breathable fraction, so it does not require classification based on the provisions of Regulation (EU) 1272/2008 of the European Parliament and of the Council, of December 16, 2008, on classification, labelling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

Classification according to Directive (EC) No 1272/2008 and its amendments.

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

Not applicable.

Additional information:

EUH210: Safety data sheet available on request.

2.3 Other hazards:

Product does not meet PBT/vPvB criteria.

Endocrine-disrupting properties:

The product does not meet the criteria.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

Chemical description:

Chemical substance

Components:

None of the substances contained in the mixture are above the limits specified in Annex II of Regulation (EC) No 1907/2006.

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The substance with CAS number 68855-54-9 is not in powder form.
There is no danger of inhalation while using the product.

SECTION 4: First aid measures

4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

By inhalation:

In case of symptoms, move the person affected into fresh air.

In case of skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap.

In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet.

In case of eye contact:

Rinse with water until the product has been eliminated.

In case of problems, consult a doctor showing the SDS for the product.

If swallowed / aspirated:

In case of consumption in large quantities, it is recommended to seek medical assistance.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use.

In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

Unsuitable extinguishing media:

Non-applicable.

5.2 Special hazards arising from the substance or mixture

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA).

Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

Eliminate all sources of ignition.

In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures.

Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

For emergency responders:

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Wear protective equipment.
Keep unprotected persons away.
See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment.
Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

Precautions for safe handling

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights.

Maintain order, cleanliness and dispose of using safe methods (section 6).

Technical recommendations to prevent fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products.

Consult section 10 for conditions and materials that should be avoided.

Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, wash hands afterwards with suitable cleaning products.

Technical recommendations to prevent environmental risks

It is not necessary to take special measures to prevent environmental risks.

For more information see subsection 6.2.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures for storage

Minimum temperature: 5°C

Maximum temperature: 30°C

Maximum time: 6 months

General storage conditions

Avoid sources of heat, radiation, static electricity and contact with food.

For additional information see subsection 10.5.

7.3 Specific end use:

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Not relevant

DNEL (General population):

Not relevant

PNEC:

Not relevant

8.2 Exposure controls:

Personal protective equipment:

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Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425.

For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer.

For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

Specific protection for the hands

Not relevant.

Eye and face protection

Not relevant.

Body protection

Not relevant.

Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with Community legislation on the protection of the environment, it is recommended that spillage of both the product and its packaging into the environment be prevented.

For additional information see section 7.1.

Volatile organic compounds:

With regard to Directive 2010/75 / EU, this product has the following characteristics:

V.O.C. (Supply):	0% weight
V.O.C. density at 20°C:	0 kg / m ³ (0 g / L)
Average carbon number:	not applicable
Average molecular weight:	not applicable

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General data

Occurrence:

Physical state at 20°C:	Solid
Appearance:	pasta
Colour:	White
Odour:	slight
Odour threshold:	Not relevant *

Change of state

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20°C:	Not relevant *
Vapour pressure at 50 °C:	Not relevant *
Evaporation rate at 20°C:	Not relevant *

Product description:

Density at 20°C:	1186.4 kg / m ³
Relative density at 20°C:	1.186
Dynamic viscosity at 20°C:	Not relevant *
Kinematic viscosity at 20°C:	Not relevant *
Kinematic viscosity at 40°C:	> 20.5 mm ² /s
Concentration:	Not relevant *
pH:	Not relevant *

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Vapour density at 20°C:	Not relevant *
Partition coefficient n-octanol / water 20°C:	Not relevant *
Solubility in water at 20°C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point /freezing point:	Not relevant *
Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Flammability:	
Flash point:	Non applicable
Flammability (solid, gas):	Not relevant *
Self-ignition temperature:	Not relevant *
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Explosive:	
Lower explosion limit:	Not relevant *
Upper explosion limit:	Not relevant *
<u>9.2 Other information</u>	
Surface tension at 20°C:	Not relevant *
Refraction index:	Not relevant *

* Not relevant: due to the nature of the product, not providing information property of its hazards.

SECTION 10: Stability and reactivity

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical Stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Potentially hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

Under the specified conditions, hazardous reactions leading to excessive temperatures or pressures are not expected.

Applicable for handling and storage at room temperature:

Shock and friction :	Not applicable
Contact with air :	Not applicable
Temperature increase :	Not applicable
Sunlight :	Not applicable
Humidity :	Not applicable

10.5 Chemically Interacting Materials:

Acids :	Avoid strong acids
Water :	Not applicable
Oxidising materials :	Not applicable
Flammable materials :	Not applicable
Other:	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsections 10.3, 10.4 and 10.5 to find the specific decomposition products.

Depending on the conditions of decomposition, complex mixtures of chemicals may be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects:

LD50 oral > 2000 mg/kg (rat).

Dangerous effects on health:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

Ingestion (acute effect):

Acute toxicity:

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

Corrosivity / irritability:

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

Inhalation (acute effect):

Acute toxicity:

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

Corrosivity / irritability:

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

Contact with skin and eyes (acute effect):

Skin contact:

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

Contact with eyes:

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

CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Carcinogenicity:

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

IARC: not relevant

Mutagenicity:

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

Reproductive toxicity:

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

Sensitising effects:

Respiratory:

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

Skin:

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

Specific target organ toxicity (STOT) - single exposure:

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

Specific target organ toxicity (STOT) - repeated exposure:

Specific target organ toxicity (STOT) - repeated exposure:

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

Skin:

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

Aspiration hazard:

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

Other information:

Not relevant.

Acute Toxicity Estimate (ATE mix):

	ATE MIX	Ingredient(s) of unknown toxicity
Oral	>2000 mg/kg (Calculation method)	Non-applicable
Dermal	>2000 mg/kg (Calculation method)	Non-applicable
Inhalation	>5 mg/L (4 h) (Calculation method)	Non-applicable

11.2 Information on other hazards:

Endocrine disrupting properties

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The product does not meet the criteria.

Other information:

Not relevant.

SECTION 12: Ecological information

The experimental information related to the eco-toxicological properties of the product itself is not available. Based on available data, the classification criteria are not met.

12.1 Toxicity:

No further relevant information available.

12.2 Persistence and Degradability:

No further relevant information available.

12.3 Bioaccumulation:

No further relevant information available.

12.4 Mobility in Soil:

No further relevant information available.

12.5 Results of PBT and vPvB assessment

Product does not meet PBT/vPvB criteria.

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Waste type (Regulation (EU) No.1357 / 2014):

Not relevant.

Waste management (disposal and evaluation):

Please consult the authorised waste service manager for the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98 / EC).

As per 15 01 (2014/955 / EC) of the Code and in case the container has been in direct contact with the product, it will be processed in the same way as the actual product.

Otherwise it will be processed as non-hazardous residue.

Waste should not be disposed of to drains.

See section 6.2.

Waste management regulations:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH), the Community or State provisions relating to waste management are listed.

Community law: Directive 2008/98 / EC, 2014/955 / EU, Regulation (EU) No 1357 / 2014.

SECTION 14: Information relating to carriage

14.1 UN number

The transport of this substance is not subject to regulations.

14.2 Proper load name according to UN Model Regulations

The transport of this substance is not subject to regulations.

14.3 Transport hazard class(es)

The transport of this substance is not subject to regulations.

14.4 Packing group

The transport of this substance is not subject to regulations.

14.5 Environmental hazards

The transport of this substance is not subject to regulations.

14.6 Special precautions for the user

The transport of this substance is not subject to regulations.

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Remarks: Not applicable for product as supplied.

SECTION 15: Legally required information

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

Article 95, REGULATION (EU) No 528/2012:

Not relevant

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):

Not relevant

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer:

Not relevant

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Not relevant

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:

Not relevant

Seveso III:

Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ...):

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.

CLP Regulation (EC) No 1272/2008:

Not relevant

Classification procedure:

Not relevant

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Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR:	European agreement concerning the international carriage of dangerous goods by road
IMDG:	International maritime dangerous goods code
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
COD:	Chemical Oxygen Demand
BOD5:	5day biochemical oxygen demand
BCF:	Bioconcentration factor
LD50:	Lethal Dose 50
LC50:	Lethal Concentration 50
EC50:	Effective concentration 50
LogPOW:	Octanolwater partition coefficient
Koc:	Partition coefficient of organic carbon
UFI:	unique formula identifier
IARC:	International Agency for Research on Cancer Product