



The bonding power

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version 3-13723

Date: 21 January 2017

1. IDENTIFICATION OF THE MATERIALS AND SUPPLIER

1.1. Product identifier

Product name: STAERK SILICONE SEALANT 331

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

Recommended use: Silicone Sealant

1.3. Details of the supplier of the safety data sheet

Supplier: Moggens DK

Street address : Hammerholmen 44,
2650 Kobenhavn, Danmark

Telephone number: +4527245345

Email: info@staerk.co

Website: www.staerk.co

1.4. Emergency telephone number

+4527245345

2. HAZARDS IDENTIFICATIONS

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: not applicable

Information concerning particular hazards for human and environment: not applicable

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008: Void

Signal Word: Void

Hazard Statements: Void

Precautionary Statements: P102 Keep out of reach of children. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing vapours. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements: P233 Keep container tightly closed. P273 Avoid release to the environment. P264 Wash contaminated skin thoroughly after handling. P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction. P302+352 IF ON SKIN: Wash with plenty of soap and water. P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P332+313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P403+233 Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Chemical characterization: Mixtures

Description: Polydimethylsiloxane, filler, auxiliaries and oximosilane crosslinker

Dangerous components :

CAS: 37859-55-5 O,O',O''-(methylsilylydyne)trioxime 2-pentanone < 5%

ELINCS: 484-460-1 STOT RE 2, H373; ACUTE TOX. 4, H302; EYE IRRIT. 2, H319; AQUATIC CHRONIC 3, H412

4.FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Ingestion: DO NOT induce vomiting. Get medical attention immediately. Skin contact: Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing. Eye contact: Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

No specific symptoms noted.

Eye contact

No specific symptoms noted.

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

5.FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media Foam. Powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Mount respiratory protective device. Do not inhale explosion gases or combustion gases.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self contained breathing apparatus. Avoid breathing vapour

6.2. Environmental precautions

Prevent entry into drains and water courses.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb onto sand, earth or absorbent granules. Pick up with non-sparking tools and place into metal containers with sealable lids. Mark containers with details of hazards and store in designated area ready for disposal. Runoff or release to sewer, waterway or ground is forbidden.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Provide good ventilation. Avoid spilling, skin and eye contact. Avoid acids, moisture and combustible materials.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:
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. Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Protection of hands: Protective gloves.

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.

Butyl rubber, BR Fluorocarbon rubber (Viton) Nitrile

rubber, NBR

Natural rubber, NR

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.

Body protection: Protective workclothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Pasty
Odour	Characteristic
Colour	According to product specifications
Flash point	159°C
Self-igniting	Product is not self igniting
Danger of explosion	Product is not explosive
Density at 20°C	1.02 g/cm

Solubility in water

Insoluble

9.2. Other information

10. STABILITY AND REACTIVITY

10.1.Reactivity

No data available

10.2.Chemical stability

Stable under normal temperature conditions.

10.3.Possibility of hazardous reactions

No dangerous reactions.

10.4.Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5.Incompatible materials

Non.

10.6.Hazardous decomposition products

Above temperatures of 150 °C emits small quantities of formaldehyde gases.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Chronic effects on human:

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.
Symptoms or effects that may arise if the product is mishandled

Ingestion:

Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Eye contact:

Cause eye irritation.

Skin contact:

Repeated or prolonged skin contact may lead to irritation.

Inhalation:

May cause respiratory track irritation.

Carcinogenicity:

Not listed as a suspected or confirmed carcinogen by ACGIH, IARC, NTP, OSHA.

Mutagenicity: N/A

Reproductive toxicity: N/A

Teratogenicity: N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which may cause long term adverse effects in the aquatic environment.

12.1.Toxicity

No data available

12.2.Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3.Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4.Mobility in soil

No data available.

12.5.Results of PBT and vPvB assessment

No data available.

12.6.Other adverse effects

Not available.

13. DISPOSABLE CONSIDERATIONS

This material is classified as special waste as defined by Special Waste Regulations 1996 and must be disposed of by an authorised contractor.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATIONS

14.1. UN number

Not Applicable.

14.2. UN proper shipping name

Not Applicable.

14.3. Transport hazard class(es)

No Transport warning sign required.

14.4. Packing group

Not Applicable.

14.5. Environmental hazards

Not Environmentally Hazardous Substance/Marine
Pollutant

14.6. Special precautions for user

Not applicable.

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

Not applicable.

15. REGULATORY INFORMATIONS

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments

15.2 Chemical Safety Assessments.

16. OTHER INFORMATIONS

General information

This product should be used as directed by Moggens DK Ltd. For further information consult the product data sheet or contact Technical Services.

Date of preparation:

21 January 2017.

SDS revisions:

Safety Data Sheets are updated at least every 5 years.

This SDS summaries to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. MoggensDk cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

Key / legend:

Risk Phrases In Full

R10 - Flammable.

R20/21 - Harmful by inhalation and in contact with skin.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65 - Harmful: may cause lung damage if swallowed.
R11 - Highly flammable.
R36 - Irritating to eyes.
R38 - Irritating to skin.
R62 - Possible risk of impaired fertility.
R66 - Repeated exposure may cause skin dryness or cracking.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 - Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

EUH066 - Repeated exposure may cause skin dryness or cracking.
H225 - Highly flammable liquid and vapour.
H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation
H336 - . May cause drowsiness or dizziness.
H361f - Suspected of damaging fertility.
H373 - May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.
H412 - Harmful to aquatic life with long lasting effects.

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)
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Skin Sens. 1A: Sensitisation - Skin, Hazard Category 1A
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3