

Trade name: Floorsil 2

Version: 8.0 (en)

Revision date: 14.04.2021

Print date: 14.04.2021

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

1.1 Product identifier

Floorsil 2

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

Silicone sealant for industrial usage

1.3 Details of the supplier of the safety data sheet

Manufacturer/ Supplier

Cooper Standard Technical Rubber GmbH
Fred-Joachim-Schoeps-Str. 55
D-68535 Edingen-Neckarhausen/Germany
+49-621-480280-0

Supplied by:
Sil-Mid Limited
Roman Park, Roman Way
Coleshill, West Midlands
B46 1HG. UK
T: 01675 432850
E: info@silmid.com

Emergency Telephone No. +44 (0)1675 432850
(Monday to Friday, 08:00 – 17:30 – GMT)

Information contact

Telephone: +49-621-480280-277 (during our office hours)
Fax: +49-621-480280-215
E-Mail: Artur.Lind@cooperstandard.com

Emergency number

Dept. Safety + Environment
+49-621-4702-252 (8:00 – 16:00)

Section 2: Hazards identification

2.2 Label elements

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

Hazard pictograms Void

Signal word Void

Hazard statements Void

* Additional information:

Ensure good ventilation during application and curing.
Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.

2.3 Other hazards

During the application and curing process of the material chemicals are released as vapour (see item 11).
Therefore ensure good ventilation or exhaustion if necessary.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3: Composition/ information on ingredients

* 3.2 Chemical characterisation: Mixtures

Description: Polydimethylsiloxane, filler, auxiliaries and oximosilane crosslinker

Dangerous components:

CAS: 37859-55-5	2-Pentanone, O,O',O''-(methylsilylidyne)trioxime	< 5%
ELINCS: 484-460-1	Acute Tox. 4, H302; Eye Irrit. 2, H319	
Reg.nr.: 01-2120004323-76-xxxx		

CAS: 128446-60-6	Silsesquioxanes, 3-aminopropyl Me, ethoxy-terminated	< 2.5%
EC number: 603-274-5	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Reg.nr.: Polymer (REACH)		

Trade name: Floorsil 2

Version: 8.0 (en)

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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

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Do not induce vomiting; call for medical help immediately. Show container or label.

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.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment:

Mount respiratory protective device.

Do not inhale explosion gases or combustion gases.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 8 for information on personal protection equipment.

Section 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

see item 8: Personal protective equipment

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.

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

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Section 8: Exposure controls/ personal protection

Additional information about design of technical facilities: No further data; see item 7.

Trade name: Floorsil 2

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* 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.

Reaction product 2-Pentanoneoxime CAS: 623-40-5

DNEL (Data for WORKERS)

INHALATION Exposure

Systemic Effects

Long-term: (DNEL) 8,3 mg/m³

Acute/ short term: (DNEL) 24,9 mg/m³

Source: ECHA

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 ABEK 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.

Recommended glove types: nitrile rubber

Recommended thickness of the material: ≥ 0.1 mm

Penetration time of glove material Breakthrough time: > 60 min

Eye protection: Safety glasses

Body protection: Protective work clothing.

Section 9: Physical and chemical properties

* 9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Pasty
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not determined
Change in condition	
Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	Undetermined
Flash point:	Undetermined
Decomposition temperature:	Not determined
Auto-ignition temperature:	Not determined
Explosive properties:	Not determined
Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
Oxidising properties	Not determined
Vapour pressure:	Not determined
Density at 20 °C:	see technical datasheet
Vapour density	Not applicable
Evaporation rate	Not determined
Solubility in / Miscibility with	
Water:	Insoluble
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	Not determined

Trade name: Floorsil 2

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Section 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Avoid strong heating.

10.6 Hazardous decomposition products

Tests on representative products have shown that above temperatures of 150 °C small quantities of formaldehyde are split off.

see item 5.2

* Section 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

37859-55-5 2-Pentanone, O,O',O''-(methylsilyldiyl)trioxime

Oral LD50 1,234 mg/kg (rat)

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.

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

Other information (about experimental toxicology):

During the application of the product 2-Pentanoneoxim (CAS: 623-40-5) is released. 2-Pentanoneoxim is harmful if swallowed, causes serious eye irritation, may cause damage to organs through prolonged or repeated exposure and is harmful to aquatic life with long lasting effects.

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.

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

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: Not applicable.

vPvB: Not applicable.

Section 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Observe local by-laws.

Already cured material can be disposed of with the domestic or commercial waste. Unconsumed material (fluid, paste-like) is to be disposed of as hazardous waste.

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

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

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Section 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

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

Transport/Additional information:

not dangerous according to the above specifications

UN "Model Regulation":

Void

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.

National regulations

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

Details of international registration status

Listed on or in accordance with the following inventories:

IECSC - China	not listed
REACH - Europe	listed
TCSI - Taiwan	listed
AICS - Australia	not listed
DSL - Canada	not listed
ENCS - Japan	not listed
ECL - Korea	not listed
NZIoC - New Zealand	not listed
PICCS - Philippines	not listed
TSCA - USA	not listed

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

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.

* Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

* 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

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Version: 8.0 (en)

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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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity - oral – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

*** Data compared to the previous version altered.**