



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company information

Temati B.V.
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Product information

Brand Name : Temseal - UAF (Anti Fungus)
 For further information : Contact our product safety department
 Information in case of emergency : Telephone +31 - (0)251 - 22 91 72

SECTION 2: COMPOSITION/ INFORMATION ON INGREDIENTS

Description

Chemical Name: Polydimetilsilossane + load + additive + cross-linked acetossisilane

Dangerous components

N°EINECS/ ELINCS	N°CAS	Product	Containing %	Identification (EU)	
				Symbols	code R
265-148-2	64742-46-7	Mixture of de-aromatized hydrocarbon	< 30,0	Xn	65
241-677-4	17689-77-9	Triacetate-ossietilsilane	< 5,0	C	14-22-34

CodeR	Denomination
R65	Noxious: can be harmful to lungs if inhaled or ingested.
R14 R22 R34	React intensely with water. Noxious if ingested. Cause burns degree.

SECTION 3: HAZARDS IDENTIFICATION

Hazard description : not considered a hazardous component according to the 1999/45/UE regulations.

SECTION 4: FIRST AID MEASURES

General information : No special measures required.

After inhalation : Move the affected person to a well – ventilated area. Call a doctor. If the affected person has difficulty breathing, administer oxygen.

After skin contact : Immediately wash the affected area with water and remove any contaminated clothing. Remove the residues with soap and water. If irritation persists, consult a doctor.

After eye contact : Cautiously rinse and flush immediately with a lot of water and consult a doctor or an ophthalmologist. Avoid oral contact as well.

After swallowing : Drink plenty of water in small doses, do not induce vomiting. Call immediately the doctor and provide the product label of the package.



SECTION 5: FIRE-FIGHTING MEASURES

- Suitable extinguishing agents : Water spray nozzle, chemical extinguisher, alcohol resistant foam, carbon dioxide, powders sand.
- Unsuitable extinguishing agents : For safety purposes – DO NOT use Jet of water.
- Hazardous decomp. products : Acetic Acid
- Protective equipment against fire : Wear a self-contained breathing apparatus and fireproof protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions: Use protective clothing and gloves, avoid contact with eyes and skin, if you are working in a closed area it is recommended to use a gas mask.
- Measures for environmental protection:
- Avoid contact with all the canalization or potable water pipes, prevent any leaks or release of the liquid to be in contact with a clean and sterilized surface.
- Measures for cleaning/ collecting : Do not wash away with water, collect the product in the disposable containers that can be closed and recycle in accordance with the law . Pick up with an absorbent cloth, better if a fixative acid, wipe up the slippery area with biodegradable detergent or soapy solution.
- Additional information : Remove any source of ignition.

SECTION 7: HANDLING AND STORAGE

Handling

- Information for safe handling : Work in a well ventilated area and keep away from heat source or sources of ignition referring to section 10 - N° 10.2.
- Instruction and protection on fireproof and anti-deflagrating : The product causes explosion in a closed environment near to sources of ignition even inside the empty content of the product. Do not smoke and do not eat or drink while using this product. Cool down with water any hazardous container.

Storage

- Requirement and storage of the product : Store in a dry area away from sunlight at a maximum of 25°C
- Instruction for general storage : Not applicable
- Information about storage condition : Protect from humidity. Store hermetically sealed containers in dry and ventilated area. Do not store in the open.



SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Controlling exposure : Controlling air quality in the work place.

N°CAS	Product	Type	Mg/m ³	ppm	E/A	Fibre/m ³
64-19-7	Acetic acid	TLV_IT		10.0		

Personal protective equipement

Protective and hygienic measures: Avoid contact with eyes and skin. Do not inhale vapour. Do not eat or drink and do not smoke while using this product.

Respiratory protection : It is advisable to wear a mask or a breathing apparatus with an "A" gas filter

Protection of hands : Wear gloves made of PVC or rubber suitable for applications up to 60 min.

Eye protection : Wear goggles, and face protection if necessary.

Skin protection : Wear impermeable clothing.

Controlling and exposure to the environment

Environmental protection : Do not allow any filtration to the water or to the ground.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General information

Form : Paste
 Colour : Transparant
 Odour : Pungent

Health and environment protection / Safety & security (method 67/548/CEE)

Melting point : None
 Boiling point : None
 Flaming point : None
 Flashing point (ignition temp.) : Ca. 400°C
 Limit of explosion lower : None
 Limit of explosion higher : None
 Tension of the vapour : None
 Density : 0.950 – 0.980 g/cm³ a 25 °C
 Water Solubility : Insoluble
 Value pH : None
 Viscosity (active) : Ca. 800000 mPa's
 Thermal decomposition : None
 Supplementary information : Rif. to 9.2 solubility in the water : Verification of hydrolytic decomposition . Rif. to 9.2 value pH: the product has an acid reaction with water. The limit of explosion for releasing acetic acid is : 4 – 17 % Vol.



SECTION 10: STABILITY AND REACTIVITY

- General instruction : No hazardous reaction will be presented if handled and stored according to the prescribed instructions.
- Condition to avoid : Humidity
- Materials to be avoided : Reacts with water, alcohol and basic substance. Reaction occurs with the formation of Acetic acid.
- Hazardous decomp. products : In case of hydrolysis : Acetic acid. Tests have shown when temperature goes above 150° C, through oxidative decomposition, small quantity of formaldehyde will be released.

SECTION 11: TOXICOLOGICAL INFORMATION

- General instruction : The product not examined will not present any damage or harmful health if used and handled as prescribed.
- Hydrolysis products : When in presence of humidity, the product allow separation of small part of acetic acid (64-19-7), has and irritant effect on the skin and on the mucous membrane. Organic Solvent: Based on the aliphatic hydrocarbons literature, have a slight irritant effect on the epidermis and on the mucous. Remove from skin. Narcotic. In case of a contact with the pulmonary tissue (for example by respiration) can cause pneumonia.

SECTION 12: ECOLOGICAL INFORMATION

- Ecotoxicity : Shown tests have confirmed no toxicity for fish. (when used to seal aquarium, etc.) Purification plant (Bacterial toxicity: Respiratory inhibition/ reproductive.) Experience and statistics shown that no negative effects on the purification plants are predicted.
- Biodegradability information : Silicone material is non biodegradable.
- Other Indication : Reaction with water build up - Acetic acid.
- General indication : Water insoluble During vulcanization. Good separation of the water through filtration.

SECTION 13: DISPOSAL CONSIDERATIONS

- Recommendations : Product – DO NOT discard in the environment. Do not pour it directly into drains or mix it with water. Dispose of an authorized plants as required by current local laws and regulations.
- Empty packaging - needs to be completely cleaned and free of residues and condensation, cleaned with a brush. Packaging is recommended to be used conforming with the laws in force.



SECTION 14: TRANSPORT INFORMATION

Overland transport GGVSE/ADR e RID

Road ADR:

Assessment : Goods not hazardous

Rail RID

Assessment : Goods not hazardous

Maritime Transport (Sea) GGVSee/IMDG-Code

Assessment : Goods not hazardous

Air transport ICAO-TI/IATA-DGR

Assessment : Goods not hazardous

SECTION 15: REGULATORY INFORMATION

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials

SECTION 16: OTHER INFORMATION

Product

This information highlights uniquely the safety purpose of the product based on the best of our knowledge. They do not constitute any guaranty of the characteristics of the product described and according to the laws and regulation. Specifications and details can be viewed in the technical data sheet of every product.

Additional instruction

The personnel who work with this product must be informed of the risks involved with handling and of the proper safety and intervention measures.

n.a. = not applicable

n.s. = not subjected

Information about international registration status

Registration name listed in the following inventory :
IECSC;TSCA; PICCS; ENCS; ECL; AICS; EINECS

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