



Ideal Chemical Products Ltd

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Shower & Sanitary Silicone




1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Shower & Sanitary Silicone
Supplier : See above
Emergency phone number : 07860287152 (after working hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:			
CAS: 64742-46-7 EINECS: 265-148-2	Distillates (petroleum), hydrotreated middle	 Xn; R 65	10-30%
CAS: 17689-77-9 EINECS: 241-677-4	triacetox(ethyl)silane	 C; R 14-34	1-5%
CAS: 4253-34-3 EINECS: 224-221-9	methylsilanetriyl triacetate	 C; R 14-34	1-5%

Additional information: For the wording of the listed risk phrases refer to section 16.

3. HAZARDS IDENTIFICATION

Hazard description : Not applicable.
Hazards for human and environment : The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system : The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. FIRST AID MEASURES

General information : No special measures required.
After inhalation : Supply fresh air; consult doctor in case of complaints.
After skin contact : If skin irritation continues, consult a doctor.
After eye contact : Rinse opened eye for several minutes under running water.
After swallowing : If symptoms persist consult doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents : CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment : Mouth respiratory protective device

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions : Ensure adequate ventilation
Environmental protection : Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Additional information : No dangerous substances are released.

7. HANDLING AND STORAGE

Handling : Use only in well ventilated areas.
Storage : No special measures required.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Ingredients with limit values** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Protective and hygienic measures** : The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection** : Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands** : The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material** : The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection** : Goggles recommended during refilling

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|----------------------------|--------------------------|-----------------------------------|----------------|
| Physical state | : Pasty | Flash point | : N/A |
| Colour | : Various | Lower explosion limit | : Undetermined |
| % Odour | : Like ethanoic acid | Upper explosion limit | : Undetermined |
| % Density (water=1) | : 0.96 g/cm ³ | Ignition temperature | : Undetermined |
| pH (water=7) | : Undetermined | Boiling point (water =100) | : Undetermined |

10. STABILITY AND REACTIVITY

- Thermal decomposition** : No decomposition if used according to specifications.
- Dangerous reactions** : No dangerous reactions known.
- Dangerous decomposition products** : Ethanoic acid

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values relevant for classification:		
64742-46-7 Distillates (petroleum), hydrotreated middle		
Oral	LD50	>2000 mg/kg
Dermal	LD50	>2000 mg/kg

Primary irritant effect:

- On the skin** : Irritant to skin and mucous membranes.
- On the eye** : Irritating effect.
- Sensitization** : No sensitizing effects known.
- Additional toxicological information** : The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

- General notes** : Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

13. DISPOSAL CONSIDERATIONS

Product Recommendation: Disposal must be made according to official regulations.

European waste catalogue
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

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Uncleaned packaging Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Not classified as hazard for conveyance.

15. REGULATORY INFORMATION

Labelling according to EU guidelines : Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Special labelling : Safety data sheet available for professional user on request.

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 R-phrases

14 Reacts violently with water.

34 Causes burns.

65 Harmful: may cause lung damage if swallowed.