

GLUE DEVIL SILICONE SEALER

PRODUCT IDENTIFICATION

Product Name: GLUE DEVIL SILICONE SEALER GD7
Product: SILICONE

COMPOSITION/INFORMATION ON INGREDIENTS

Preparation>>

Chemical Nature: Blend based on – Crosslinkerhous silicalmethylsiloxanes, amorphous silica and crosslinker.

Components Presenting Hazards: Alkyltriacetoxysilanes (CAS: 4253-34-3 & 17689-77-9): <5% - EEC
Classification: C – R34
Tributyltin Benzoate (CAS: 4342-36-3): 0.25% - EEC
Classification: T: R21-25-36/38-48/23/25
C15-19 Alkane (CAS: 64742-46-7): <25% - EEC
Classification Xn –R65

Further Information: During use, acetic acid is released (CAS: 64-19-7)

HAZARDS IDENTIFICATION

Adverse Human Health Effects: Slightly irritating to eyes, respiratory system, and skin.

Environmental Effects: Presents no particular risk to the environment, provided the disposal requirements and national or local regulations are complied with. See section on “Disposal Considerations”.

Physical and Chemical Hazards: Fire or explosion – combustible.

Further Hazards: On contact with humidity – irritating vapours are released.

Classification/Specific Hazards: According to EEC criteria, this product is not classified as a “hazardous preparation”.

Further Information: May stick to skin, when dry.

FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical attention if irritation persists.

Skin contact: Remove as much as possible with a clean, soft, absorbent cloth.
Was immediately with soap and water.

Eye Contact: Rinse immediately with water for a prolonged period whilst keeping the eyes wide open. Seek medical attention if irritation persists.

Ingestion: Seek medical attention, if necessary.

FIRE FIGHTING MEASURES

Extinguishing Media: Carbon Dioxide (CO₂), foam, powders, water spray.

Specific Hazards: Combustible.

Specific Fire Fighting Methods: Cool down the containers/equipment exposed to the heat with a water spray.

Protective Of Fire Fighters: Self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: AVOID contact with skin and eyes.
DO NOT breathe vapours.

Environmental Precautions:	This product does not present any particular risk for the environment.
Methods for cleaning up>>	
Recovery:	Recover the product by scraping with a spatula or a similar instrument. Gather the product and place it in suitably labelled airtight container.
Neutralisation:	Absorb residue with inert absorbent material.
Cleaning/ Decontamination:	Decontaminate the floor with an appropriate solvent and thereafter clean with water.
Disposal:	Refer to section for "Disposable Considerations" for disposal of solid materials.

HANDLING AND STORAGE

Handling>>

Technical Measures:	Good ventilation.
Measures:	DO NOT exceed the occupational exposure limits (OEL).
Safety Handling Advice:	Work outside or in a well-ventilated room.

Storage>>

Technical Measures:	Does not require any specific or particular technical measures.
Recommended Storage Conditions:	Keep only in the original container. Keep the container dry and tightly sealed.
Incompatible Products:	Strong oxidising agents.
Packaging:	Polyethylene liner in a metal drum varnished with epikote.
Recommended Packaging Materials:	Polyethylene coated metals.
Further Information:	The product polymerises on contact with air.

EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures:	Ensure good ventilation of the workstation.
Control Parameters>>	
Occupational Exposure Limits:	
France	-Acetic Acid: VLE:25mg/m3 (10ppm)
USA (A.C.G.I.H.)	-Acetic Acid: VLV (TWA) =25mg/m3 (10ppm) -Acetic Acid: VLV (STEL) =37mg/m3 (15ppm)
Surveillance Procedures:	Measure the concentration in the atmosphere.
Personal Protective Equipment>>	
Respiratory Protection:	Respiratory protective device with a gas filter in the event of insufficient ventilation.
Hand Protection:	Protective gloves made of rubber.
Eye Protection:	Safety spectacles.
Collective Emergency Equipment:	Eye fountain.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance>>

Physical State:	Thixotropic paste.
Colour:	Translucent or pigmented.
Odour:	Of vinegar.
pH Specific Temperatures:	Not applicable.
Decomposition Temperature:	> 200 °c.

Flammability Characteristics>>

Flash Point:	>150° c (closed cup, according to method Afnor T 60103).
Oxidising Properties:	Non oxidising material according to EEC criteria.
Specific Gravity Solubility:	Approximately 1040 kg/m ³ at 25° c.
-in water	Practically insoluble.
-in organic solvents	Insoluble in:
	-acetone
	-alcohol (ethanol)
	Dispersible (partial solubilisation) in:
	-petrol
	-white spirit
	-aromatic hydrocarbons (toluene, xylene)
	-chlorinated solvents

STABILITY AND REACTIVITY

Stability:	Stable at room temperature provided it is not in contact with air. Vulcanises at room temperature on contact with moisture in the air.
------------	---

Hazardous Reactions >>

Conditions To Avoid:	No known dangerous reactions under normal conditions of use.
Hazardous Decomposition Products:	During vulcanisation, acetic acid is released. (quantity potentially released: >3% of product weight). On combustion forms: (Carbon oxides (CO+CO ₂)). Amorphous silica

TOXICOLOGICAL INFORMATION

Acute Toxicity:	Acetic acid. LC 50 inhalation (Mouse) / 1h:14 mg/l. (Published data)
Local Effects:	Repeated or prolonged contact may cause slight irritation to the skin. May cause slight temporary irritation to ocular mucous membranes.
Sensitisation:	No information available.
Specific Effects:	
-Mutagenicity	No information available.
Further Information:	At high concentration, the vapours can be irritating to the respiratory system.

ECOLOGICAL INFORMATION

Mobility:	Precipitation slightly soluble product, readily forms deposits.
Expected Behaviour of The Product:	Ultimate destination of the product: Soil and Sediment.
Biodegradability:	Ultimate aerobic biodegradability:
	-Not biodegradable
Bioaccumulation:	Bioconcentration factor:
	-Not bio accumulable
Ecotoxicity:	Effects on the aquatic environment
	-Acetic acid:
	EC 50 (Daphnia: Daphnia magna) 24 h: 150 mg/l.
	LC 50 (Fish: Pimephales promelas) / 96h: 88mg/l.

DISPOSAL CONSIDERATIONS

Waste From Residues:	Destruction / Disposal: Dispose of at a licensed waste collection point.
Contaminated Packaging:	Decontamination / cleaning: Separate the different packaging components and treat them separately.
Destruction / Disposal:	Incinerate plastic packaging at a licensed installation. Entrust the uncontaminated packaging to a licensed waste contractor. Following decontamination, re-use or recycle metal packaging.
Disposable containers:	Incinerate at a licensed installation.

NOTE The user's attention is drawn to the possible existence of local Regulations regarding disposal.

TRANSPORT INFORMATION

Internal Regulations:	Land: Rail/road (RID/ADR) - Not restricted. Sea (IMO/IMDG) - Not restricted. Air (ICAO-IATA) - Not restricted.
Other Regulations:	France: Rail/road (RID/ADR) - Not restricted.

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

REGULATORY INFORMATION

Labelling:	EEC regulations: Mandatory labelling (self-classification) of hazardous preparations-Not Applicable.
------------	---

NOTE: The above regulatory information only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

OTHER INFORMATION

Uses>>

Recommended uses:	Used for making joints, sealing and gluing. (For further information, refer to the product technical data sheet)
Prohibited uses:	
European inventory (EINECS, ELINCS)	-These polymers are not concerned by the EINECS inventory. The corresponding monomers are registered in the EINECS Inventory. All the other constituents of this preparation are registered in the EINECS in inventory.
American inventory (TSCA)	-All the components of this preparation are registered in the TSCA inventory.

All the information of Material Safety Data Sheet is provided on the basis in good faith and is believed to be trustworthy but is for reference only. National Adhesive Distributors cannot accept any liability for the results whatsoever arising from the use of National Adhesive Distributors products due that the utilisation of these products is simply out of our control. The users are responsible for selecting the suitability of the products and methods of use.