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# MATERIAL SAFETY DATA SHEET

## SECTION 1. PRODUCT IDENTIFICATION

### PRODUCT IDENTIFICATION

PRODUCT NAME: **GLUEDEVIL RED GASKET MAKER**  
ITEM NO: **GD 70ML RED**  
PRODUCT: **RED SILICONE**

## SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

### PREPARATION

Chemical nature: Mixture of polydimethylsiloxanes, silica and curing agents.  
Components contributing to the hazard: None.  
Components presenting hazards: Acetoxysilanes (CAS: 4253-34-3 & 17689-77-9) :<5% - EEC Classification: C – R34  
  
Further Information: During use, acetic acid is released (CAS: 64-19-7)

## SECTION 3. HAZARDS IDENTIFICATION

### MOST IMPORTANT HAZARDS

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 (see section 13) and national or local regulations are complied with.  
  
Physical and chemical hazards: Combustible.  
- Fire or explosion: On contact with humidity:  
- Further hazards: irritating vapours are released.  
  
Classification / Specific hazards: According to EEC criteria, this product is not classified as a "hazardous preparation".  
  
Further Information: After drying, may stick to the skin.



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**SECTION 4. FIRST AID MEASURES**

<b>Inhalation</b>	Move to the fresh air. If irritation persists, consult a doctor.
<b>Skin contact</b>	Wipe off as much as possible (use a clean, soft, absorbent material). Wash immediately with plenty of soap and water.
<b>Eye contact</b>	Immediately rinse with water for a prolonged period whilst keeping the eyes wide open. If irritation persists, consult an eye specialist.
<b>Ingestion</b>	Consult a doctor if necessary.

**SECTION 5. FIRE-FIGHTING MEASURES**

<b>Extinguishing media</b>	
- Suitable	Carbon dioxide (CO2)  Foam.  Powders.  Water spray.
Not Suitable	None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
Specific hazards	Combustible.  For further information, refer to section 10: "Stability and Reactivity".
Specific fire-fighting methods	Cool down the containers / equipment exposed to heat with a water spray.
Protection of fire fighters	Self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Avoid contact with skin and eyes.  Do not breathe vapours.
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Protective equipment:

For further information refer to section 8 "Exposure-controls / personal protection".

Mechanically ventilate the spillage area.

This product does not present any particular risk for the environment.

**Environmental precautions**

**Methods for cleaning up**

**- Recovery**

Recover the product by scrapping with a spatula or a similar instrument.

Collect up the product and place it in a spare container: - suitability labeled.

-tightly closed.

**Neutralization**

Absorb residues with:

-inert absorbent material.

**- Cleaning / Decontamination**

Decontaminate and wash the floor with:

-an appropriate solvent. (cf.: §

9) then wash with plenty of

water.

**- Disposal**

for disposal of solid materials refer to section 13 "Disposable considerations".

**SECTION 7. HANDLING AND STORAGE**

**HANDLING**

Technical measures

Measures

handling advice

Ventilation.

Do not exceed the occupational exposure limits (OEL). Safe

Comply with instructions for use (refer to technical sheet).

Work outside or in a well-ventilated room.

**STORAGE**



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Technical measures	Does not require any specific or particular technical measures.
Storage conditions	
-Recommended	
Incompatible products	
Packaging	Keep:
Packaging materials	-only in the original container
- Recommended	- the container tightly closed and dry.
	Strong oxidizing agents.
	-Polyethylene liner in a metal drum varnished with epikote
	Polyethylene
	coated metals.
Further information	the product polymerises on contact with air.

**SECTION 8. PERSONAL PROTECTION / EXPOSURE CONTROLS**

Engineering measures	Ensure good ventilation of the work station
Control parameters	
Occupational exposure limits	
-limits (France)	Acetic acid: VLE:25mg/m3 (10ppm)
-limits (U.S.A./ 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	in the event of insufficient ventilation: Respiratory protective device with a gas filter.
-Hand protection	Protective gloves made of rubber.
-Eye protection	Safety spectacles.
Collective emergency equipment	Eye fountain.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE**

- Physical state	Thixotropic paste
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- Colour	Translucent or pigmented.
- Odour	of vinegar.
- pH	Not applicable
Specific Temperatures	
Decomposition Temperature	> 200°c.
Flammability Characteristics	
- Flash point	>150°c (closed cup, according to method Afnor T 60103).
Oxidizing Properties	Non oxidizing material according to EEC criteria.
Specific Gravity	Approx. 1040 kg/m3 at 25°c
Solubility	
- 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

**SECTION 10. STABILITY AND REACTIVITY**

Stability	Stable at room temperature provided it is not on contact with air.  Vulcanises (cures) at room temperature on contact with moisture in the air.
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**Hazardous Reactions**

- Conditions to avoid

No dangerous reactions known under normal conditions of use.

See technical data sheet.

- Hazardous decomposition products

During Vulcanisation, acetic acid is released.

(quantity potentially released: <3% of product weight).

On combustion forms:

(Carbon oxides (CO + CO2)).

Amorphous silica

**SECTION 11. 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 concentrations, the vapours can be irritating to the respiratory System.

**SECTION 12. ECOLOGICAL INFORMATION**

**MOBILITY**

Precipitation

Slightly soluble product, readily forms deposits.

Expected behavior of the product

Ultimate destination of the product: Soil and Sediment.



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**BIODEGRADABILITY**

-Ultimate aerobic biodegradability Not biodegradable

**BIOACCUMULATION**

Bio concentration 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.

**SECTION 13. 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.

**SECTION 14. TRANSPORT INFORMATION**

**INTERNAL REGULATIONS**

Land



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- 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.

**SECTION 15. REGULATORY INFORMATION**

**LABELLING**

EEC regulations Mandatory labelling (self-classification) of hazardous preparations:  
NOT applicable.

**NOTE** The regulatory information given above 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.





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**SECTION 16. OTHER**

Uses

- Recommended uses

Used for making joints, sealing and gluing.

(For further information, refer to the product technical data sheet).

- Prohibited uses

This product is only intended for industrial use.

- 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 inventory.

-American inventory (TSCA)

All the components of this preparation are registered in the TSCA inventory.

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