



NATIONAL ADHESIVE DISTRIBUTORS

CK 2000/063562/23 VAT No.: 4370194633

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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME:	GLUEDEVIL RED GASKET MAKER
ITEM NO:	GD 310ML RED
PRODUCT:	RED SILICONE

2. COMPOSITION

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)

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	
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”.



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Further information

After drying, may stick to the skin.

4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

Extinguishing media	
-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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with skin and eyes. Do not breathe vapours. Protective equipment: For further information refer to section 8 "Exposure-controls / personal protection". Mechanically ventilate the spillage area.
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Environmental precautions

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

Methods for cleaning up

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

- Recovery

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

-tightly closed.

Absorb residues with:

-inert absorbent material.

Decontaminate and wash the floor with:

-an appropriate solvent. (cf.: § 9)

then wash with plenty of water.

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

Neutralization

- Cleaning / Decontamination

- Disposal

7. HANDLING AND STORAGE

HANDLING

Technical measures

Ventilation.

Measures

Do not exceed the occupational exposure limits (OEL).

Safe handling advice

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

Work outside or in a well-ventilated room.

STORAGE

Technical measures

Does not require any specific or particular technical measures.

Storage conditions

Keep:

-Recommended

-only in the original container

- the container tightly closed and dry.

Incompatible products

Strong oxidizing agents.

Packaging

-Polyethelene liner in a metal drum varnished with epikote

Packaging materials

- Recommended

Polyethylene coated metals.

Further information

The product polymerises on contact with air.



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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	
- Physical state	Thixotropic paste
- 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. 1040kg/m3 at 25°C.



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Solubility

- in water
- in organic solvents

Practically insoluble

Insoluble in:

- acetone
 - alcohol (ethanol)
- Dispersible (partial solubilisation) in:
- petrol
 - white-spirit
 - aromatic hydrocarbons (toluene, exylene).
 - chlorinated solvents

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.

Hazardous Reactions

- Conditions to avoid
- Hazardous decomposition products

No dangerous reactions known under normal conditions of use. See technical data sheet.
During Vulcanisation, acetic acid is released. (quantity potentially released: <3% of product weight).
On combustion forms: (Carbon oxides (CO + CO2)).
Amorphous silica

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.



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Further information

At high concentrations, the vapours can be irritating to the respiratory System.

12. ECOLOGICAL INFORMATION

MOBILITY

Precipitation
Expected behaviour of the product

Slightly soluble product, readily forms deposits.
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: 150mg/l.
LC 50 (Fish: Pimephales promelas) / 96h: 88mg/l.

13. DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES

Destruction / Disposal
CONTAMINATED PACKAGING
Decontamination / cleaning

Dispose of at a licensed waste collection point.

Destruction / Disposal

Separate the different packaging components and treat them separately:

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.



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14. 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.

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 provisions.

16. OTHER INFORMATION

Uses
-Recommended uses
Used for making joints, sealing and gluing.
(For further information, refer to the product technical data sheet).



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- Prohibited uses
- European inventory (EINECS, ELINCS)

This product is only intended for industrial use. These polymers are not concerned by the EINCS 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.

Legal Disclaimer:

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 cc cannot accept any liability for the results whatsoever arising from the use of National Adhesive Distributors products due that the utilization of these products is simply out of our control. The users are responsible for selecting the suitability of the products and methods of use.

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