



NATIONAL ADHESIVE DISTRIBUTORS

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MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: **GLUEDEVIL BLUE GASKET MAKER**
ITEM NO: 70ML BLUE
PRODUCT: BLUE 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:
- Fire or explosion: Combustible.
- Further hazards: on contact with humidity:



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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.

SECTION 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).

Wash immediately with plenty of soap and water.

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.

SECTION 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.



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Protection of fire fighters

Self-contained breathing apparatus.

SECTION 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.

Environmental precautions

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

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 labelled.

-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

Ventilation.



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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	
-Recommended	Keep: -only in the original container - the container tightly closed and dry.
Incompatible products	Strong oxidizing agents.
Packaging	-Polyethylene liner in a metal drum varnished with epikote
Packaging materials	
- Recommended	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	



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- 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
- 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.



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- 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.

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.



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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 behaviour of the product

Ultimate destination of the product: Soil and Sediment.

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:



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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

-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



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existence of additional provisions which complete these regulations.
Refer to all applicable national, international and local regulations or provisions.

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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