



SAFETY DATA SHEET

ACID SILICONE 357

1/9

Date/revision: 18/09/2008

1. Product and company information

Product name : ACID SILICONE 357.
Quality : all colours.
Applications : Sealing joints and others (see Technical Data Sheet)
Manufacturer : NIF: FR.....
Made in : UE.

2. Hazards identification

MAIN HAZARDS

Potential Health Effects : Slightly irritant for eyes and respiratory system.
Causes severe burns.

May cause sensibilization by skin contact.

Physical and chemical hazards

-Fire or explosion : Flammable.

-Other hazards : In contact with air moisture liberates irritant vapors.

Specific hazards classified : According to CE criteria, this product is as : IRRITATING [*]

Further Information : May adhere to skin after curing.

During its use liberates:

Acetic acid (CAS : 64-19-7)-Classification
CE: R10 – C; R35(19 N)§N° CE : 200-580-7.

Butanol-1 (CAS : 71-36-3)- Classification CE:
R10 – Xn; R22 – Xi; R37/38 – R41 – R67
N° CE : 200-751-6.

3. Composition/Information on ingredients

Chemical composition : Mixture based on:
Polydimethylsiloxane, amorfic silica, additive,
reticulant agent.

Products contributing to hazards : 2-octyl-2H-isothiazol-3-one (CAS : 26530-20-1
<0,1% - Classification CE: T; R23/24 – Xn;



SAFETY DATA SHEET

ACID SILICONE 357

2/9

Date/revision: 18/09/2008

R22 – C; R34 – R43 – N; R50-53(29 N)§N°CE:
247-761-7.
[*]

Hazardous products

: Ethyltriacetoxisilane (CAS : 17689-77-9)
<2,5%
Autoclassification : R14- Xn; R22 – C;
R34 n°CE 241-677-4.

Methyltriacetoxisilane (CAS : 4253-34-3)
<2,5%
Autoclassification: r14 – Xn; R22 – C; R34
n°CE 224-221-9.

Buthanol-1 (CAS . 71-36-3) <0,003%.
Classification CE: R10 – Xn; R22 – Xi;
R37/38 – R41 – R67 n° CE : 200-751-6.

Hydrotreated middle fraction (petroleum)
(CAS : 64742-46-7) < 30%- Classification CE:
265-148-2.

Concerning H note(s), Annex I classification is
not applicable.

>>Further information

: § : (N) : New entry in 67/548/CEE- Adaptation
to Technical Progress, Annex I.

4. First Aid measures

Inhalation

: Move victim to fresh air.
Keep the affected person quiet and warm.
Eventually consult a doctor.
Show this Safety Data Sheet to the doctor.

Skin contact

: Take off all contaminated clothes.
Wash thoroughly with soap and running water.
In case of inflammation (reddening, irritation,...),
consult a doctor.
Show this Safety Data Sheet to the doctor.

Eye contact

: Flush immediately with eyewash. Keep eyelids
spread apart for at least 15 minutes.

Ingestion

: Vomiting should NEVER be induced. Wash
mouth with plenty of running water.

Other information

: Use suitable protective equipment to treat a
contaminated person.



SAFETY DATA SHEET

ACID SILICONE 357

3/9

Date/revision: 18/09/2008

Keep contaminated clothes and shoes in a sealed bag for its decontamination.

5. Fire fighting measures

- Extinguishing media
- Appropriate : Carbon dioxide (CO₂)
Foam.
Powders.
Sprayed water.
 - Unadvised : None. In case of fire proximity, use indicated extinguishing media.
- Specific hazards : For further detailed information, see §10: "Stability and Reactivity"
- Special fire fighting instructions : Cool containers exposed to heat with sprayed water.
- Fire fighting personnel protection : Isolating Autonomous respiratory protection equipment.
-

6. Accidental release measures

- Individual preventive measures : Avoid contact with skin and eyes.
Do not breathe vapor.
- Protective equipment:
-Safety glasses.
-Appropriate gloves.
For further detailed information, see §8: "Exposure controls/ Personal protection"
- Ventilate mechanically the area.
- Environmental protection measures : Not particularly hazardous to environment.
- Cleaning measures
- recuperation : Collect the product mechanically using a putty knife or similar.
Keep the product in an emergency container, sealed and conveniently labelled for a proper disposal.
 - neutralization : Clean up remaining materials from spill with a suitable inert absorbant.
 - cleaning/decontamination : Wash and decontaminate the area with an appropriate solvent and plenty of running water.
-



SAFETY DATA SHEET

ACID SILICONE 357

4/9

Date/revision: 18/09/2008

-elimination : For elimination of solid materials, see §13 "Disposal considerations"
Incinerate contaminated materials in authorised facilities.

7. Handling and storage

HANDLING

Technical measures : Ventilation

Precautions : Do not exceed Permissible Exposure Limit (PEL).

Indications and usage : Respect usage indications (Technical Data Sheet)
Use only in the open air or in well ventilated areas.

STORAGE

Technical measures : Not required.

Storage conditions
-Appropriate : Keep product in its original sealed container.
Keep container dry.

Incompatible materials : Strong oxidizing materials.
(see detailed list : § 10 : "Stability/Reactivity").

Packing : Polyethylene cartridge, within carton box.

Packing materials
-Appropriate : Polyethylene.
Coated metals.

Other Information : Polymerization in contact with air.

8. Exposure control/Personal protection

Technical measures : Ensure proper ventilation of the work area.

Control parameters

Permissible Exposure Limit (PEL)

- PEL (France) : Acetic acid: PEL: 25mg/m³ (10 ppm).
Butanol-1: PEL: 150 mg/m³ (50 ppm).

- PEL(USA / A.C.G.I.H.) : Acetic acid:
PEL (TWA): 25 mg/m³ (10 ppm).
PEL (STEL) : 37 mg/m³ (15 ppm).

Butanol-1: PEL (TWA): 20 ppm

Engineering controls : Carry out environment controls regularly.



SAFETY DATA SHEET

ACID SILICONE 357

5/9

Date/revision: 18/09/2008

Personal protection equipments

- Respiratory protection : In case of insufficient ventilation:
Filtrant respiratory protection equipment.
- Hands protection : Rubber protection gloves. Gloves must be
chosen depending on the job requirements :
other possible chemicals to be handled, phy-
sical protection (cuts, punctures, thermic pro-
tection), required skill.
- Eyes protection : Protection glasses.
- Collective emergency media : Eye wash.
Security shower.

9. Physical and chemical properties

ASPECT

- Physical form : Thixotropic paste.
- Colour : Translucent or pigmentated.
- Odour : Vinegar.
- pH : Not applicable (insoluble product)
- Characteristic temperatures
- Decomposition temperature : $> +200^{\circ}\text{C}$ ($> 392^{\circ}\text{F}$.)
- Flammability
- Ignition point : $> +150^{\circ}\text{C}$ ($> 302^{\circ}\text{F}$) (Afnor T60103 Standard).
- Comburent properties : According to available data about components,
not considered comburent (structure-activity
evaluation)
- Volumic mass : 970 Kg/m^3 aprox at 25°C (77°F).
- Solubility
- in water : Practically insoluble.
- en organic solvents : Insoluble in:
 - Acetone
 - Alcohol (Ethanol)Dispersable (partial solubilization) in:
 - gasoline.
 - white spirit.
 - aromatic hydrocarbures(toluene, xylene)
 - chlored solvents



SAFETY DATA SHEET

ACID SILICONE 357

6/9

Date/revision: 18/09/2008

10. Stability and reactivity

- Stability : Stable at room temperature without contact with air.
- Vulcanises at room temperature in contact with humide air.
- Hazardous reactions
- Conditions to be avoided : No known hazardous reaction in normal usage conditions (see Technical Data Sheet)
- Material to be avoided : Reacts with:
-strong oxidizing materials.
- Decomposition hazardous products : During its use liberates:
acetic acid (potentially releasable fraction : <3,5% (weight)).
Buthanol-1 (potentially releasable fraction: <0,003% (weight)).
- By combustion forms:
(carbon oxydes: CO + CO₂).
(metallic oxydes)
Amorfic silica.

11. Toxicological information

- Acute effects : Not classified harmful by inhalation.
Not classified harmful by contact with skin.
Not classified harmful if swallowed.
(Conventional method).
(Internal evaluation).
- Local effects : [*]
May cause sensitization by inhalation (by high vapor concentration)
Slightly irritating to skin.
Slightly irritating to eyes.
Not classified irritatin to eyes and skin.
(conventional method).
(internal evaluation).
- Sensitization : May cause sensitization by skin contact.
(Conventional method).
(Internal evaluation).
- Specfic effects



SAFETY DATA SHEET

ACID SILICONE 357

7/9

Date/revision: 18/09/2008

-Muthagenesis : Available information only about certain components : Up-to-date tests about these components does not reveal any genotoxic potential

12. Ecological information

MOBILITY

Final product destination : Common final destination : SOIL and SEDIMENTS

BIODEGRADABILITY

-Final air biodegradability : According to data about components: Not biodegradable.

BIOACCUMULATION

Octanol-water partition coefficient : Petroleum-distillates: Potentially bioaccumulable.

bioconcentration factor : Polydimethylsiloxane : Not bioaccumulable (biological data)

ECOTOXICITY

Aquatic toxicity : According to available information about components . NOT classified harmful to aquatic organisms. (internal evaluation)

Further information : According to CE criteria: Not classified harmful to environment. (conventional method)

13. Disposal considerations

PRODUCT WASTES

Destruction/elimination : Eliminate product wastes in an authorized waste treatment centre.

EMPTY CONTAINERS

Decontamination/cleaning : Separate different container components, and treat them separately.

Destruction/elimination : Incinerate plastic containers in authorized facilities.

Deliver non spilled carton containers to an authorized waste treatment centre.

Re-use or recycle metallic containers after decontamination.

Single use containers:

-Incinerate in authorized facilities.

REMARK

: User must take into account possible local legal restraints and requirements regarding wastes disposal.



SAFETY DATA SHEET

ACID SILICONE 357

8/9

Date/revision: 18/09/2008

14. Transport information

INTERNATIONAL REGULATION

Railway/Road (RID/ADR) : NOT classified.
Ocean shipment (OMI/IMDG) : NOT classified.
Air shipment (OACI/IATA) : NOT classified.

REMARK : These prescription are actually applicable. Nevertheless, user is adviced to check their validity through his forwarder or transport agent.

15. Regulatory information

LABELING

CE regulation : Obligatory label for hazardous materials:
IRRITATING : OBLIGATORY.

-Hazardous product identification : 2-octyl-2H-isothiazol-3-one [*]

-Hazard symbols : **-IRRITATING (Xi) [*]**

- R Phrases : R43: May cause sensitization by skin contact [*].

- S Phrases : S24: Avoid contact with the skin.
S36/37: Wear suitable protective clothing and gloves. [*]

REMARK : Regulatory information supplied refers only to main applicable prescriptions to the product. The user is adviced to bear in mind all possible international, national or local applicable regulations.

16. Other information

Usage

-Contraindicated usage : For industrial use only.

Register nr. : Polymers are not included in EINECS inventory. Monomers corresponding to polymers in this preparation are included in EINECS inventory. The rest of components in this preparation are included in EINECS inventory. All components in this preparation are included in TSCA inventory. Included in AICS inventory. Included in Canadian inventory (CEPA DSL). Included in Chinese inventory. Included in Korean inventory. Included in Philippin inventory(PICCS).



SAFETY DATA SHEET

ACID SILICONE 357

9/9

Date/revision: 18/09/2008

- R Phrases concerning §2 & 3 :
- R10: Flammable.
 - R14: Reacts violently with water.
 - R22: Harmful if swallowed.
 - R23/24: Toxic by inhalation and in contact with the skin.
 - R34: Causes burns.
 - R35: Causes severe burns.
 - R37/38: Irritating to respiratory system and skin.
 - R41: Risk of serious damage to eyes.
 - R43: May cause sensitization by skin contact.
 - R45: May cause cancer.
 - R50/53: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
 - R65: Harmful: may cause lung damage if swallowed
 - R67: Vapors may cause drowsiness and dizziness.
- H Note
Classification and label mentioned for this product are applicable to the hazardous property/ies indicated by the mentioned danger categories. Actual regulation requirements concerning manufacturers, distributors and importers are applicable to all the other aspects of classification and labeling. Definitive label must be in compliance with the requirements of the section 7, annex VI of the actual law.
- Update : This Safety Data Sheet has been updated (see date in the heading). Subtitles and texts revised from the last version are marked with an asterisk [*].

To the best of our knowledge, the information contained herein is accurate. However, TECSEAL does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. In no event shall TECSEAL be liable for any special, incidental or consequential damages.
