



SAFETY DATA SHEET

NEUTRAL SILICONE 432

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Date/revision: 22/09/2008

1. Product and company information

Product name : NEUTRAL SILICONE 432.
Applications : Sealing joints and others (see technical Data Sheet)
Manufacturer : VAT: FR.....
Made in : EU.

2. Hazards identification

MAIN HAZARDS

Health Effects : Slightly irritating to eyes, skin and respiratory system
Physical and chemical hazards
-Fire or explosion : Flammable.
Specific hazards : Not classified "Dangerous preparation", according to CE criteria.
Further information : May adhere to skin after cure.

3. Composition/Information on ingredients

>>PREPARATION

Cemical composition : Mixture based on:
Polydimethylsyloxanes, amorfic silica, additive,
Reticulant agent.
Products contributing to hazards : none
Hazardous products : Trimethoxyninylsilane (CAS : 2758-02-7) <=3%
Autoclassification : Xn – R10/20 - Xi; R36/38;
n°CE : 220-449-8.
Methanol (CAS : 67-57-1) <0,5% - Classification
CE : T R11-23/24/25-39/23/24/25 (28R)
SN° CE : 200-659-6.
Hydrotreated middle fraction (petroleum) (CAS:
64742-46-7) : <10%- Classification CE: Carc.



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Cat 2; R45 n°CE 265-148-2. According to H + N notes, Annex classification is not applicable.

1,1,3,3-TETRABUTHYL-1,3-BIS[(1-OXODODECYL) OXY]DISTANOXANE (CAS : 3669-02-1): >0,1%
Autoclassification : Xn; R22 – Xi; R36/38 –
Repro cat 2; R60-61 – Muta cat 3; R68 – T;
R48/25 N°CE : 222-931-3.

>>Further information : § : (R) : New entry in 67/548/CEE – Adaptation to Technical Progress, Annex I.
During its use liberates
Methanol (CAS : 67-56-1)
Ethanol (CAS : 64-17-5): Classification CE: F R11

4. First aid measures

Inhalation : Not applicable.

Skin contact : Take off all contaminated clothes.
Wash thoroughly with soapy 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 been induced. Wash mouth with plenty of running water.

Other information : Use suitable protective equipment to treat a contaminated person.
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 up to date. In case of fire proximity, use indicated extinguishing media.



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- | | | |
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| 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 | : | Isolated autonomous respiratory protection equipment. |
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6. Accidental release measures

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|------------------------------------|---|---|
| Individual preventive measures | : | Avoid contact with skin and eyes.
Do not breathe vapor.

Protective equipment:
For further detailed information, see §8: "Exposure control/Personal protection" |
| Environmental protection measures | : | Ventilate mechanically the area..
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 labeled 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. |
| -elimination | : | For elimination of solid materials, see §13 "Disposal considerations"
Incinerate contaminated materials in authorised facilities. |
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7. Handling and storage

HANDLING

- | | | |
|--------------------|---|---|
| Technical measures | : | Ventilation |
| Precautions | : | Do not exceed Permissible Exposure Limit (PEL). |

STORAGE

- | | | |
|------------------------------------|---|---|
| Technical measures | : | Not required. |
| Storage conditions
-Appropriate | : | Keep product in its original sealed container.
Keep container dry. |
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Incompatible materials	:	Strong oxidizing materials. (see detailed list : § 10 : "Stability/ Reactivity").
Packing	:	Polyethylene cartridge, within carton box.
Packing material -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)	:	Methanol : PEL: 260mg/m ³ (200 ppm). Methanol : VME: 1300 mg/m ³ (1000 ppm). Ethanol : VLE: 9500 mg/m ³ (5000 ppm). Ethanol : VME: 1900 mg/m ³ (1000 ppm).
-PEL (USA / A.C.G.I.H.)	:	Methanol: TLV (TWA): 260 mg/m ³ (200 ppm). Methanol: TLV (STEL): 328 mg/m ³ (250 ppm). Ethanol: TLV (TWA) : 1880 mg/m ³ (1000 ppm).
Engineering controls	:	Carry out environment controls regularly.
Personal protection equipment		
-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.
-Skin and body protection	:	Safety clothing (Closed sleeves and collars)
-Collective emergency media	:	Eyewahs. Safety shower.

9. Physical and chemical properties

ASPECT		
-Physical form	:	Paste.
-Colour	:	Trnaslucent or pigmented.
Odour	:	Weak
pH	:	Not applicable (insoluble product)



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Characteristic temperatures

Flammability

-Clearing point : > +100°C (according to Afnor T60103 Standard).
Comburent properties : According to available data about components, not considered comburent (expert note)

Volumic mass : 1020 Kg/m³ aprox. at 25°C (77°F)

Solubility

-in water : Very little soluble.
-in organic solvents : Insoluble in:
-Acetone
-Alcohol (Ethanol)
Dispersable (partial solubilization) in:
-aliphatic hydrocarbures.
-aromatic hydrocarbures (toluene, xylene)
-chlored solvents.

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).

-Decomposition hazardous products

: During its use liberates:
Methanol (potentially releasable fraction : <3% (weight))
Ethanol (potentially releasable fraction : <0,5% (weight))

By combustion forms:
(Carbon oxides: CO + CO₂).
(Nitrogene oxides)
Amorfic silica.

11. Toxicological information

Acute effects : Not classified harmful by inhalation.
Not classified harmful by contact with skin.



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	Not classified harmful if swallowed (Conventional method). (Internal evaluation).
Local effects	: Not classified irritating to skin and eyes. (Conventional method). (Internal evaluation).
Sensitization	: May cause a light and temporary irritation to ocular mucoses. Not classified sensitizing to by skin contact. (Conventional method). (Internal evaluation).
Specific effects -Muthagenesis	: Available information only about certain components : Up-to-date tests about these components does not reveal any genotoxic potential conventional method)

12. Ecological information

MOBILITY

Final product destination : Common final destination : SOIL and SEDIMENTS

BIODEGRADABILITY

-Final air biodegradability : Polydimethylsyloxane. Not biodegradable (bilbiographical data).

BIOACCUMULATION

Bioconcentration factor : Polydimethylsyloxane : Not bioaccumulable (bibliographical data)
Mineral fraction: Not bioaccumulable. (bilbiographical 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

PRODUCTS WASTES

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



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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 waste disposal.

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 advised to check their validity through his forwarder or transport agent.

15. Regulatory information

LABELING

- CE Regulation : Obligatory label for hazardous materials: NOT APPLICABLE.
- Hazardous product identification : NOT APPLICABLE
- R Phrases : NONE
- S Phrases : NONE
- Complementary phrases : Safety Data Sheet available upon request.
- REMARK : Regulatory information supplied refers only to main applicable prescriptions to the product. The user is advised to bear in mind all possible international, national or local applicable regulations.



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16. Other information

Usage

-Contraindicated usage

Register nr.

- : For industrial use only.
: 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 the rest of components in this preparation are included in EINECS inventory.
Included in Chinese inventory.

R & S Phrases concerning §2 & 3

- : R10: Flammable.
R11: Highly flammable.
R20: Harmful by inhalation.
R22: Harmful if swallowed.
R23/24/25: Toxic by inhalation, in contact with the skin and if swallowed.
R36/38: Irritating to eyes and skin.
R39/23/24/25 : Toxic: danger of very serious irreversible effects by inhalation, in contact with skin and if swallowed.
R48/25 : Toxic: danger of serious damage to health by prolonged exposure if swallowed.
R60 : May impair fertility.
R61 : May cause harm to the unborn child.
R65 : Harmful: may cause lung damage if swallowed.
R68 : May cause irreversible effects.

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 [*].



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