

MATERIAL SAFETY DATA SHEET

ACC. TO 91/155/EC

B&N Products Tecniseal 'A'

Date: 01.07.2012

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B&N
PRODUCTS

1. Product identification/Company identification

- 1.1 Product data: 1-K silicone sealant (acetate system)
Trade name: TECNISEAL A
- 1.2 Manufacturer/Supplier: B&N Products Pty Ltd
Street/P. O. Box: 5 Hillside Road
Post code/Town: BLACKWOOD S.A. 5051
Telephone/Fax: Telephone: (08) 8278 8866 Fax: (08) 8278 8248

2. Composition/Information on components

- 2.2 Chemical characterization:
Description: Polydimethyl siloxane + acetoxysilane cure system + filler + auxiliary agent
Hazardous components:
CAS no.: Components: EC/R:
17689-77-9 Ethyltriacetoxysilane <5% 14-34

3. Hazards identification

- 3.1 Hazard designation:
Information pertaining to particular dangers for humans and environment: may cause irritation if there is long-lasting skin contact.

4. First aid measures

- 4.1 General instructions: the product eliminates small amounts of acetic acid during polymerization.
4.2 In case of inhalation: ensure fresh air and quiet position.
4.3 In case of skin contact: wipe off with towel/paper and wash with plenty of soap and water.
4.4 After contact with eyes: immediately rinse out 10-15 minutes with plenty of water and seek medical advice.
4.5 After ingestion: do not induce vomiting. Seek medical advice and indicate substance precisely.

5. Fire fighting measures

- 5.1 Suitable extinguishing agents: dry powder, sand, foam, CO₂
5.2 Extinguishing media that must not be used for safety reasons:
5.3 Special hazards from the substance itself, its combustion products or flue gases:
Carbon dioxide is eliminated during burning.
5.4 Special protective equipment for fire fighters: use self-contained breathing apparatus.

6. Accidental release measures

- 6.1 Precautions for persons: avoid contact, keep away from children.
6.2 Measures for environmental protection: under influence of humidity, polymerization to inert rubber.
6.3 Measures for cleaning/collection: pick up mechanically. Subsequent cleaning with white spirit is possible.
6.4 Additional instructions: remove ignition sources.

7. Handling and storage

- 7.1 Handling: provide good ventilation for area and workplace.
7.2 Storage: keep container closed, store in a dry and cool place.

8. Exposure controls and personal protection

- 8.1 Additional instructions for construction of technical installations: Note Section 7.
8.2 Components with critical values that require monitoring at the workplace.
CAS no.: Component Type mg/m³ F/G
000064-19-7 Acetic acid MAK 25
- 8.3 Personal protective equipment:
General protective and hygienic measures: do not eat, drink or smoke at the workplace. Avoid contact with eyes and skin.
Breathing mask: required for prolonged or stronger influence (filter A)
Hand protection: not required if used carefully, otherwise protective gloves of PVC, PE or rubber.
Eye protection: not required if used carefully, otherwise safety glasses.

9. Physical and chemical properties

- 9.1 Form: stable paste Colour: various Odour: like acetic acid
- 9.2 Change in condition:
Boiling point/range: n.a. Flash point: n.a. Ignition point: > 400 °C
Explosion limit: lower: n.a. upper: n.a. Vapour pressure: 1 mbar (20°C) Density: 1 to 1.3 g/cm³
Solubility in water: insoluble pH-value: reacts acidic Viscosity: stable paste
- 9.3 Further information:
Thermal decomposition: not applicable

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10. Stability and reactivity

- 10.0 General information: no dangerous reactions known when stored and handled properly.
10.2 Substances to avoid: reacts with water/humidity with formation of acetic acid.
10.3 Hazardous decomposition products: none known when stored and handled as prescribed.

11. Toxicological information

- 11.1 Acute toxicity: after reaction, vulcanizates are neither mutagenic, carcinogenic nor teratogenic and present no hazard for people and the environment.
11.4 Other toxicological information: product eliminates small amounts of acetic acid during polymerization. This can irritate the skin and mucous membranes.

12. Ecological information

- 12.3 Ecotoxic effects: silicone rubber is not biologically degradable, easy to separate from water mechanically.
12.4 Other ecological information: do not empty into bodies of water/drain. Vulcanizate is insoluble in water.

13. Disposal considerations

- 13.1 Product: burn in special waste incinerator according to instructions. Smaller amounts can be disposed of in a residential waste incinerator. Depositing together with residential/commercial waste possible, if needed, after hardening. Regulations from local government agencies must be observed.
Waste catalog no.: not hardened: 55907 hardened: 55908
13.2 Contaminated packaging: deliver packaging, emptied of remainders, to recovery site acc. to applicable regulations.

14. Transport information

- 14.1 Land transport ADR/RID and GGVS/GGVE: Not a hazardous material in the sense of transport regulations
Hazard number/ticket:
Designation of the goods:
Express:
German post:
14.2 Inland waterways transport ADN/ADNR: Not a hazardous material in the sense of transport regulations
14.3 Sea transport IMDG/GGVSee- Not a hazardous material in the sense of transport regulations
Marine pollutant:
Correct technical name:
Proper ship. name:
Shipping symbols:
Page:
14.4 Aircraft transport: ICAO/IATA: Not a hazardous material in the sense of transport regulations
Correct technical name:
Proper ship. name:
Shipping symbols:
Packaging instructions:
Airmail:

- 14.5 Transport/Further information:

15. Regulatory information

- 15.1 Data for labelling acc. to EC regulations: not subject to labelling
Code letter and hazard designation:
EC/R phrases:
EC/S phrases: 2: Keep out of the reach of children. 24/25: Avoid contact with skin and eyes.
15.2 National regulations:
Not named in accident instructions.
VbF hazard class: -
Water hazard class: WGK 1 (self assessment)

16. Other information:

n.a. = not applicable; n.g. not given n.as. = not assumed; n.r.= not relevant

These data describe only the safety requirements for the product(s) and are based on our present knowledge.

However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Sections modified since last version: title expanded