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<p>1. Identification of substance, company:</p> <p>1.1. Identification of substance: TECHNOSEAL - R 34904</p> <p>1.2. Application of the substance/the preparation: Sprayable putty</p> <p>1.3. Identification of manufacturer/Supplier: RETECH, s.r.o. Vackova 1541/4 150 00 Praha-5 Stodůlky Telephone/Fax: +420 327 596 128, +420 596 428 Information: hana.mekotova@retech.cz</p> <p>1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory extraordinary situations: Tel.+420 327 596 128 (7.30-16.00 hour) Toxicology information number, Na bojišti 1, 128 08 PRAHA 2 Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)</p>																													
<p>2. Hazard identification:</p> <p>2.1. Hazard designation: The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.</p> <p>2.2. Information pertaining to particular danger for man and environment: Product is not dangerous for man and environment.</p> <p>2.3. Additional information: Long term contact may produce allergic reaction.</p>																													
<p>3. Composition/information on ingredients:</p> <p>3.1. Description: Mixture of the substances listed below with harmless additions.</p> <p>3.2. Dangerous components:</p> <table border="1"> <thead> <tr> <th>Chemical name</th> <th>Contents(%)</th> <th>Number CAS</th> <th>Number ES</th> <th>Cautionary symbol</th> <th>R sentences</th> </tr> </thead> <tbody> <tr> <td>Vinyltrimethoxysilane</td> <td>1-5</td> <td>2768-02-7</td> <td>220-449-8</td> <td>Xn</td> <td>R 10-20-38</td> </tr> <tr> <td>Aminoethylaminopropyltrimethoxysilane</td> <td>0.1-1</td> <td>1760-24-3</td> <td>217-164-6</td> <td>Xi</td> <td>R 36/38-43</td> </tr> <tr> <td>Bis-(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate</td> <td>0.01 and <0.25</td> <td>41556-26-7</td> <td>255-437-1</td> <td>Xi</td> <td>R 43-50/53</td> </tr> </tbody> </table>						Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences	Vinyltrimethoxysilane	1-5	2768-02-7	220-449-8	Xn	R 10-20-38	Aminoethylaminopropyltrimethoxysilane	0.1-1	1760-24-3	217-164-6	Xi	R 36/38-43	Bis-(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	0.01 and <0.25	41556-26-7	255-437-1	Xi	R 43-50/53
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<p>4. First aid measures:</p> <p>4.1. After inhalation: Supply fresh air; consult doctor in case of symptoms.</p> <p>4.2. After skin contact: Instantly wash with water and soap and rinse thoroughly.</p> <p>4.3. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.</p> <p>4.4. After swallowing: Seek immediate medical advice.</p> <p>4.5. General information: No special measures required.</p>																													
<p>5. Fire fighting measures:</p> <p>5.1. Suitable extinguishing agents: CO₂, extinguishing powder. Fight larger fires with alcohol-resistant foam.</p> <p>5.2. For safety reasons unsuitable extinguishing agents: Water with a full water jet.</p> <p>5.3. Protective equipment: Wear self-contained breathing apparatus.</p> <p>5.4. Additional information: No dangerous materials are released.</p>																													
<p>6. Accidental release measures:</p>																													

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- 6.1. Person-related safety precautions:
Wear protective equipment. Keep unprotected person away.
- 6.2. Measures for environmental protection:
Do not allow to enter drainage system, surface or ground water.
- 6.3. Measures for cleaning/collecting:
Collect mechanically.

7. Handling and storage:

- 7.1. Handling:
Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
Information about protection against explosions and fires: No special measures required.
- 7.2. Storage:
Requirements to be met by storerooms and containers: Store in closed packing between 5°C and 25°C.
Information about storage in one common storage facility: Store separately from strong acids, alkali and oxidizing agents.
Further information about storage conditions: Store in cool, dry conditions in well sealed containers.

8. Exposure controls and personal protection:

- 8.1. Validate parameter:
Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.2. Personal protective equipment:
Eye protection: Safety glasses.
Breathing equipment: Not required for normal use.
Protection of skin: Protective working clothes.
Protection of hands: Protective gloves
- 8.3. General protective and hygienic measures: The usual precautionary measures should be adheres to general rules for handling chemicals.

9. Physical and chemical properties:

- Form: Pasty
Colour: Grey
Odour: Characteristic
- 9.1. Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined
Flash point: Not applicable
Self-inflammability: Product is not self igniting.
Danger of explosion: Product is not explosive.
Density at 20 °C: 1,5 g/cm³
Solubility in/Miscibility with
- water Insoluble

10. Stability and reactivity:

- 10.1. Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.
- 10.2. Dangerous reactions: Reacts with acids, alkalis and oxidizing agents.
- 10.3. Dangerous decomposition products: In case of fire CO may be possible.

11. Toxicological information:

- 11.1. Acute toxicity:
LD/LC 50: Vinyltrimethoxysilane
Orálně: LD50: 11300 mg/kg (rat)
Aminoethylaminopropyltrimethoxysilane
Orálně: LD50: 7460 mg/kg (rat)
- 11.2. Primary irritant effect:

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on the skin: Long term contact may cause allergic reaction.
on the eye: No irritant effect.
Sensitization: No sensitizing effect known.
Additional toxicological information: When used and handled according to specifications, the product does not have any harmful affects according to our experience and the information provided to us.

12. Ecological information:
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations:
13.1. Product: Smaller quantities can be disposed with household waste.
13.2. Uncleaned packagings: Disposal must be made according to official regulation.

14. Transport information:
14.1. Land transport:
ADR/RID-GGVS: Not classified
14.2. Maritime transport:
IMDG-class: Not classified
14.3. Air transport:
ICAO / IATA -class: Not classified

15. Regulatory information:
15.1. Labelling according to law line:
The product has been labeled in accordance with EC Directives / relevant national laws.

Danger of determining components and mark to labelling:
Contains: Aminoethylaminopropyltrimethoxysilane, Bis-(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. May produce allergic reaction.

Labelling hazardousness:
Product is not classified as a hazardous.

Numbers and word reading associated hazard R-sentences :
void

Numbers and word reading associated security S-sentences:
S 24/25 Avoid contact with skin and eyes.

15.2. Used legislation:

European Regulation (EC) No 1907/2006 - REACH
Regulation (EC) No 648/2004 of the European Parliament and of the council of 31 March 2004 on detergents

16. Other information:
These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:
R 10 Flammable.
R 20 Harmful by inhalation.
R 38 Irritating to skin.
R 36/38 Irritating to eyes and skin.
R 43 May cause sensitisation by skin contact.

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R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.