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<p>1. Identification of substance, company:</p> <p>1.1. Identification of substance: AUTOSEAL – White/Black - R 34501/503</p> <p>1.2. Application of the substance/the preparation: Sealing and bonding 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: info@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: Not.</p> <p>2.3. * Additional information: Not</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>Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacát</td> <td>0.25-<2.5</td> <td>52829-07-9</td> <td>258-207-9</td> <td>Xi, N</td> <td>R 36-51/53</td> </tr> <tr> <td>3-(trimethoxysilyl)propylamin</td> <td>1-<5</td> <td>13822-56-5</td> <td>237-511-5</td> <td>Xi</td> <td>R 36/38</td> </tr> <tr> <td>Trimethoxyvinylsilane</td> <td>1-<5</td> <td>2768-02-7</td> <td>220-449-8</td> <td>Xn</td> <td>R 10-20-65</td> </tr> <tr> <td>Distillates (petrolejum), hydrotreated middle</td> <td>1-<5</td> <td>6474246-7</td> <td>265-148-2</td> <td>Xn</td> <td>R 65-66</td> </tr> </tbody> </table> <p>Additional information: For the wording of the listed risk phrases refer to section 16.</p>		Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences	Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacát	0.25-<2.5	52829-07-9	258-207-9	Xi, N	R 36-51/53	3-(trimethoxysilyl)propylamin	1-<5	13822-56-5	237-511-5	Xi	R 36/38	Trimethoxyvinylsilane	1-<5	2768-02-7	220-449-8	Xn	R 10-20-65	Distillates (petrolejum), hydrotreated middle	1-<5	6474246-7	265-148-2	Xn	R 65-66
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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.</p> <p>4.3. After eye contact: Rinse opened eye for several minutes under running water. Consult doctor.</p> <p>4.4. After swallowing: In case of persistent symptoms consult doctor.</p> <p>4.5. General information: No special measures required.</p>																															
<p>5. * Fire fighting measures:</p> <p>5.1. Suitable extinguishing agents: CO2, sand, extinguishing powder, water, water spray</p> <p>5.2. For safety reasons unsuitable extinguishing agents: None</p> <p>5.3. Protective equipment: Wear protective equipment/clothing when fighting fires, self-contained breathing apparatus.</p> <p>5.4. Additional information: On burning: release of carbon monoxide, carbon dioxide and a small amount of sulfur vapor.</p>																															

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6. Accidental release measures:

- 6.1. * Person-related safety precautions:
Wear protective equipment see item 8.2. Keep unprotected persons away.
- 6.2. * Measures for environmental protection:
Do not allow to enter drainage system, surface or ground water.
- 6.3. Measures for cleaning/collecting:
Let the product harden, collect mechanically and clean according to the item 13.
- 6.4. Additional information: Not.

7. Handling and storage:

- 7.1. * Handling:
Information for safe handling: Wear protective equipment see item 8.2. The work should not eat, smoke, then do not require any special action.
- Information about protection against explosions and fires: No special measures required.
- 7.2. Storage:
Requirements to be met by storerooms and containers: Store in original container at cool, dry, well-ventilated place out of direct sunlight. Temperature for storage between +5°C and +25°C.
- Information about storage in one common storage facility: Not required
- Further information about storage conditions: -

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 not be monitored at the workplace
- 8.2. Personal protective equipment:
Eye protection: Safety glasses.
Breathing equipment: Not required.
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. Wash hands during breaks and at the end of the work.

9. Physical and chemical properties:

- Form: Pasty
Colour: White/Black
Odour: Mild
- 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
- 9.2. * Other information: VOC: 4%

10. Stability and reactivity:

- 10.1. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.2. Dangerous reactions: No dangerous reaction known.
- 10.3. * Dangerous decomposition products: On burning: release of carbon monoxide, carbon dioxide and a small amount of sulfur vapor.

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11. * Toxicological information:		
11.1.	Acute toxicity: Trimethoxyvinylsilan	Oral - LD50: 7120 mg/kg (rat) Dermal - LD50: 3434 mg/kg (rab) Inhalative - LC50/4 h: 16 mg/l (rat)
	Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacát 3-(trimethoxysilyl) propylamin	Oral - LD50: 3700 mg/kg (rat) Dermal: LD50: 11400 mg/kg (rab)
11.2.	Primary irritant effect: on the skin: No irritant effect. on the eye: No irritant effect. Sensitization: Additional toxicological information:	No sensitizing effect known. 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:		
	Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacát	LC50 (96h): >=100mg/l (Brachydanio Rerio) EC50 (48h): 168,7 mg/l (Daphnia Magna) EC50: 1,9 mg/l (Algae)
	Trimethoxyvinylsilan	LC50 (96h): >=100mg/l (Brachydanio Rerio) EC50 (48h): 168,7 mg/l (Daphnia Magna)
	Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow the product or large quantities of it to reach ground water, water bodies or sewage system.	
13. Disposal considerations:		
13.1.	Product:	Dispose in safe manner in accordance with local/national regulation.
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: Safety data sheet available for professional user on request. 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: Void	
15.2.	Used legislation: European Regulation (EC) No 1907/2006 – REACH European Regulation No 67/548EEC and 1999/45/EC	
16. * Other information:		

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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 36 Irritating to eyes

R 36/38 Irritating to eyes and skin.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: May cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

***Compared to the last version the data has been changed.**