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<p>1. Identification of substance, company:</p> <p>1.1. Identification of substance: SILICON UNI - V 100001-6R</p> <p>1.2. Application of the substance/the preparation: Universal silicon 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: Small amount of free acetic acid may irritate eyes, respiratory system and skin.</p>																													
<p>3. Composition/information on ingredients:</p> <p>3.1. Description: Polysiloxane based mixture with fillers and cross linkers</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>Ethyltriacetoxysilane</td> <td><5</td> <td>17689-77-9</td> <td>241-677-4</td> <td>C</td> <td>R 14-34</td> </tr> <tr> <td>Methyltriacetoxysilane mixed with</td> <td><5</td> <td>4253-34-3</td> <td>224-221-9</td> <td>C</td> <td>R 14-34</td> </tr> <tr> <td>Distillates (petroleum), hydrotreated</td> <td>10-30</td> <td>64742-46-7</td> <td>265-148-5</td> <td>Xn</td> <td>R 65</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	Ethyltriacetoxysilane	<5	17689-77-9	241-677-4	C	R 14-34	Methyltriacetoxysilane mixed with	<5	4253-34-3	224-221-9	C	R 14-34	Distillates (petroleum), hydrotreated	10-30	64742-46-7	265-148-5	Xn	R 65
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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. Do not induce vomiting.</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>																													

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<p>6. Accidental release measures:</p> <p>6.1. Person-related safety precautions: Wear protective equipment. Keep unprotected person away.</p> <p>6.2. Measures for environmental protection: Do not allow to enter drainage system, surface or ground water in larger quantity.</p> <p>6.3. Measures for cleaning/collecting: Let the product harden, collect mechanically and clean according to the item 13.</p>														
<p>7. Handling and storage:</p> <p>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.</p> <p>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: Avoid contact with skin, eyes and do not swallow. Further information about storage conditions: Store in cool, dry conditions in well sealed containers.</p>														
<p>8. Exposure controls and personal protection:</p> <p>8.1. Validate parameter: Components with limit values that require monitoring at the workplace: MAC-TLV 64-19-7 Acetic acid 10 ppm 64742-46-7 Distillates (petroleum) 5 mg/m³ Additional information: The lists that were valid during the compilation were used as basis.</p> <p>8.2. Personal protective equipment: Eye protection: Avoid contact with eyes, protection not necessary for normal use. Breathing equipment: Avoid breathing the vapour. Maintain good ventilation. Protection of hands: Protective gloves</p> <p>8.3. General protective and hygienic measures: The usual precautionary measures should be adheres to general rules for handling chemicals.</p>														
<p>9. Physical and chemical properties:</p> <p>Form: Pasty Colour: White, Black, Transparent Odour: Acetic acid</p> <p>9.1. Melting point/Melting range: Not determined Boiling point/Boiling range: Not determined Flash point: Not determined Ignition temperature: ± 400°C Self-inflammability: Product is not self igniting. Danger of explosion: Product is not explosive. Density at 20 °C: 0.97 g/cm³ Solubility in/Miscibility with- water: Insoluble</p> <p>9.2. VOC-content: 0%</p>														
<p>10. Stability and reactivity:</p> <p>10.1. Thermal decomposition / conditions to be avoided: -</p> <p>10.2. Dangerous reactions: Water, alcohols and bases.</p> <p>10.3. Dangerous decomposition products: Acetic acid during curing.</p>														
<p>11. Toxicological information:</p> <p>11.1. Acute toxicity:</p> <table border="1"> <thead> <tr> <th></th> <th>Acetic Acid</th> <th>Methyltriacetoxysilane</th> <th>Ethyltriacetoxysilane</th> <th>Petroleum distillate</th> </tr> </thead> <tbody> <tr> <td>Acute oral LD50 (mg/kg)</td> <td>3310 (rat)</td> <td>2060 (rat)</td> <td>2415 (rat)</td> <td>>15000 (rat)</td> </tr> </tbody> </table>						Acetic Acid	Methyltriacetoxysilane	Ethyltriacetoxysilane	Petroleum distillate	Acute oral LD50 (mg/kg)	3310 (rat)	2060 (rat)	2415 (rat)	>15000 (rat)
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Acute dermal LD50 (mg/kg)	1060 (rabbit)	unknown	unknown	>2000 (Concawe)
Acute inhalation LC50 (mg/l)	160000 (4h)	unknown	unknown	unknown
11.2. Primary irritant effect:				
on the skin:	In case of long-term incidence it can be irritant to skin.			
on the eye:	In case of long-term incidence it can be irritant to eye.			
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 product in larger quantity to reach ground water, water bodies or sewage system. Silicone part not biological degradable.

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: Void

 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.
 S 51 Use only in well-ventilated areas.

 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 14 Reacts violently with water.
 R 34 Causes burns.
 R 65 Harmful: May cause lung damage if swallowed.

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