

MATERIAL SAFETY DATA SHEET

in accordance with Article 91 / 155 / EWG

Date: 01.10.1996

Date revised: 01.05.2000

Product name: ADEKA ULTRA SEAL® P-201

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| 1. | <p>Identification of the substance/preparation and of the company/undertaking</p> <p>Product Information</p> <p>ADEKA ULTRA SEAL P-201 is a one-component pasty sealing material which hardens in contact with air and humidity. In hardened conditions the material is elastic. In contact with water the material increases slowly its volume.</p> <p>Trade Name ADEKA ULTRA SEAL® P-201</p> <p>Identification of the manufacturer / distributor</p> <p>ITEC CONSULT GmbH + Co. KG Aidenbachstr. 42 D-81379 Munich Phone 00 49 - 89 - 7 43 61 - 201 Fax 00 49 - 89 - 7 43 61 - 209</p> <p>Emergency telephone number: ITEC CONSULT GmbH & Co. KG 00 49 - 89 - 743 61 - 201</p> |
| 2. | <p>Composition / information on ingredients</p> <p>Chemical characteristics of the preparation: Urethane prepolymer, filled, contains solvent</p> <p>Hazardous components: - - Additional Information: - -</p> |
| 3. | <p>Possible hazards</p> <p>- Hazards identification: Not applicable</p> <p>- Special hazards identification for man and environment: See points 11, 12, and 15</p> |
| 4. | <p>First aid measures</p> <p>General indications May cause reactions of sensitized persons. In case of continuous complaints see physician.</p> <p>- Inhalation: Move affected person to fresh air. In case of nausea see physician.</p> <p>- Skin contact: Wash off affected skin thoroughly with soap and water. In case of skin redness or irritation see physician.</p> <p>- Eye contact: Immediately flush eyes thoroughly with water and see a medical specialist.</p> <p>- Ingestion: Do not induce vomiting. Immediately see a physician and show packaging or this safety data sheet.</p> |
| 5. | <p>Fire-fighting measures</p> <p>Coordinate fire-fighting measures to environment.</p> |

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| | <ul style="list-style-type: none"> - Suitable extinguishing media: CO₂, fire-extinguishing powder, water spray - Extinguishing media which must not be used for safety reasons: --- - Specially endangering through products of combustions / arising gases: CO₂, CO, NO_x - Special protection equipment for fire-fighting: In case of fire, health hazardous vapours may arise - wear breathing equipment. |
| 6. | <p>Accidental release measures</p> <ul style="list-style-type: none"> - Personal precautions: See point 8: personal protection equipment - Environmental protection: If not in cross-linked conditions, do not dispose into drains, surface water, ground water and soil. - Methods for cleaning up: In case of accidental release, the product may be absorbed with paper tissue and disposed. For directions about waste disposal refer to point 13. - Additional indication: The product hardens in contact with air and humidity. In cross-linked conditions no negative influence on the environment. |
| 7. | <p>Handling and storage</p> <p>Handling</p> <ul style="list-style-type: none"> - Indications for secure handling: Use only in well ventilated spaces. See point 8, personal protection equipment. - Indications for fire- and explosion protection: No special requirements. <p>Storage</p> <ul style="list-style-type: none"> - Requirements to storage room and container: No special requirements - Further indications for storage conditions: Keep containers well closed. Store in cool and dry places and in well closed containers. - Storage indications in combination with other products: Not necessary - Storage class: - VbF class: not applicable |
| 8. | <p>Exposure controls / personal protection</p> <p>Additional indications for technical installations.</p> <ul style="list-style-type: none"> - None, see point 7 <p>Additional indications for components with working place and monitoring limiting values.</p> <ul style="list-style-type: none"> - None <p>Additional indications: Are based on the lists which are valid at the time of preparation.</p> <p>Personal protection equipment</p> <ul style="list-style-type: none"> - General protection and hygienic measures. Observe the general working place hygienic instructions. Wash hands before taking breaks and after finishing work. |

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| | <ul style="list-style-type: none"> - Respirator protection: Only use in well ventilated spaces - Hand protection: Use suitable protective gloves - Eye protection: Use of protective eyewear / face protection. - Body protection: Use suitable protective clothing. |
| 9. | <p>Physical and chemical properties</p> <p>Appearance</p> <ul style="list-style-type: none"> - Form: pasty - Colour: gray - Odeur: specific <p>Security data</p> <ul style="list-style-type: none"> - pH value: not applicable - Change of state: - Boiling point: not defined by the product - Melting point: not defined by the product - Flash point: > 65°C - Inflammation temperature (content of solvent): > 200°C. Not defined by the product. - Autoinflammability: The product is not autoinflammable - Explosion property: The product is not explosion hazardous - Steam pressure: at 20°C, 2,5 hPa (Steam pressure of components with the highest partial steam pressure) - Density: at 20°C, approx. 1,3 g/cm³ - Solubility in water: not soluble, reacts with water - Viscosity: 4200 ps (25°C) - Content of solvent (organic): approx. 10 % |
| 10. | <p>Stability and reactivity</p> <ul style="list-style-type: none"> - Thermal decomposition / conditions to be avoided: No decomposition in case of proper storage, correct handling and duly use. Avoid contact with acids, alkalis, peroxides and organic solvents. - Hazardous reactions: Hazardous reactions are not known. - Hazardous decomposition products: Hazardous decomposition are not known. For any possible products of combustion, see point 5. |
| 11. | <p>Toxicological information</p> <p>The toxic characteristics of the product have not been examined. According to the conventional method a classification is unnecessary due to small-scale concentration of the pertinent contents.</p> |
| 12. | <p>Ecological information</p> <ul style="list-style-type: none"> - General Indication: There is no data available with respect to the ecological behaviour. |
| 13. | <p>Disposal considerations</p> <p>Product</p> <ul style="list-style-type: none"> - Recommendation: INTERSEROH |

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| | <p>- Disposal Code 559 07 (putty and fill mass, not cured) 559 08 (putty and fill mass, cured)</p> <p>Uncleaned Packages - Recommendation: Disposal according to local regulations.</p> |
| 14. | <p>Transport information No dangerous goods with respect to transport regulations.</p> |
| 15. | <p>Regulatory information</p> <p>Classification according to EEC regulations The product is classified and marked according to EEC regulations / Dangerous Chemicals Ordinance</p> <p>- Code letter and hazard classification of the product: -- - Hazardous components for labelling: -- - R-Phrases: -- - S-Phrases: --</p> |
| 16. | <p>Other information</p> <p>The information is based on the present state of our knowledge. It is not considered as a guarantee of the products properties. It is the responsibility of the user of our product to fulfil the demands laid down in the existing laws and regulations.</p> |