

MATERIAL SAFETY DATA SHEET

Date of issue: **05/27/2005**
Revision date: **03/01/2014**

1 Commercial product name and supplier

- 1.1 Commercial product name **Dentapreg[®] SFM, Dentapreg[®] SFU,
Dentapreg[®] PFM, Dentapreg[®] PFU,
Dentapreg[®] UFM, Dentapreg[®] PFUI,
Dentapreg[®] PP45**
- 1.2 Manufacturer *ADM, a.s., U Vodárny 2,
616 00, Brno
Czech Republic*
- 1.3 Supplier
- 1.4 TOX emergency number **Emergency-Call: +420 511 205 360
ADM, a.s., U Vodárny 2, 616 00, Brno,
Czech Republic**
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2 Composition

- 2.1 Chemical characterization **Mixture of dimethacrylates ($\approx 99\%$), S2 or E-glass type fibers treated with epoxy-silane type sizing, (weight fraction 45-65%), initiators and stabilizers ($\approx 1\%$)**
- 2.2 Hazardous components **None known**
- 2.3 Further information **None.**
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3 Hazards identification

Uncured material may cause slight, reversible irritation. Avoid contact with skin and eyes. Those people known to be allergic to methacrylate resins should avoid the use of this product.

4 First aid measures

- 4.1 Eye contact **Causes irritation; may cause temporary corneal damage. Immediately flush eyes with copious amounts of water and continue washing for several minutes. Contact an ophthalmologist.**

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| 4.2 | Skin contact | Prolonged skin contact causes severe irritation. Wash with soap and water. If irritation persists, seek medical advice. |
| 4.3 | Swallowing | May cause headache, nausea, vomiting, mouth, throat, esophagus and stomach irritation. Seek medical advice immediately. |
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5 Fire-fighting measures

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| 5.1 | Suitable extinguishing media | Chemical foam, CO ₂ , water or dry chemical. |
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6 Accidental release measures

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| 6.1 | Personal precautions: | Unknown. |
| 6.2 | Environmental precautions: | Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment. |
| 6.3 | Methods for cleaning up: | Incineration according to Federal, State and local regulations. |
| 6.4 | Additional information: | Unknown. |
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7 Handling and storage

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| 7.1 | Handling | Always handle with care |
| 7.2 | Storage | Store at 4-25 °C / 39-77 °F, away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur. |
| 7.3 | Fire- and explosion protection | Not required. |
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8 Exposure controls / personal protection

Additional information for technical plants:

Components with limits of values to be supervised at the workplace:

The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:

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| 8.1 | Personal protective equipment: | Protective gloves, goggles are recommended. |
| 8.2 | General measure of protection and hygiene: | Normal hygienic measures. |

8.3 Respiration:	Respiratory protection.
8.4 Hands:	Wash hands after using and before eating, drinking and smoking. Keep away from heat and flames.
8.5 Eyes:	OSH Approved goggles.

9 Physical and chemical properties

9.1 Appearance:	
Form: Combination of solid/liquid.	
Odor: Moderate ester, sweet.	
9.2. Color	colorless to light yellow
9.3 Information on change in the physical state:	
Melting point/melting range:	Unknown.
Boiling point/boiling range:	Unknown.
Flash point:	Unknown.
Auto-ignition temperature:	Unknown.
Danger of explosion:	Unknown.
Density:	Unknown.
Vapor pressure:	Unknown.
Viscosity:	Unknown.
pH:	Not applicable.
Solubility in/miscibility with Water:	Nearly insoluble.
Content of solvents:	Unknown.
Organic solvents:	Unknown.
Content of solids:	≥40%

10 Stability and reactivity

10.1 Incompatibility with other substances:	Stable
10.2 Hazardous decomposition products	Unknown

11 Toxicological information

11.1 Acute toxicity	Orale LD-50: not determined
11.2 Subacute / chronic toxicity	Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.
11.3 Further information	None.

12	Ecological information	No ecological problems to be anticipated if properly handled and used.
12.1	Classification of water endangerment:	Unknown
13	Disposal considerations	Burn in an adequate incinerator under carefully controlled conditions in accordance with local and national regulations. After polymerization the product can be disposed with normal mixed waste according to official regulation.
14	Transport information	Product is not classified for any mode of transportation.
15	Regulatory information	This product does not require classification according to the criteria of the EC.
16	Other information	No other information.

The above-mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

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Responsible person:

Vladimír Pavelka, Ph.D.,
RLP manager