

MATERIAL SAFETY DATA SHEET

Date of issue: **05/27/2005**
 Revision date: **06/08/2014**
02/02/2017

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1 Commercial product name and supplier

- 1.1 Commercial product name **Dentapreg® SFM, Dentapreg® SFU, Dentapreg® PFM, Dentapreg® PFU, Dentapreg® UFM, Dentapreg® PINPost, Dentapreg® BRAID, Dentapreg® BUNDLE, Dentapreg® VEIL**
- 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

2 Composition

2.1 Chemical characterization

CAS/EC registration number	Name of the ingredient	Concentration	Classification (symbol letters and R phrases) and other data on the ingredient
-	S2 or E-glass type fibers treated with epoxy-silane type sizing	~99,5 %	-
-	Diurethane dimethacrylate (ADM proprietary monomer, V387)		
72829-09-5, 276-900-4	1,12-dodecandiol dimethacrylate		
10373-78-1, 233-814-1	Camphorquinone	< 1,0 %	The total amount of chemicals is < 1,0 % and requires no warnings in product
94-34-8 202-325-5	N-(2-cyanoethyl)-N-methylaniline		
95-71-6, 202-443-7	Methylhydroquinone		

- 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.
- 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

- 5.1 Suitable extinguishing media Chemical foam, CO₂, water or dry chemical.
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6 Accidental release measures

- 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

- 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:

- 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: Product is solid.
pH: Not applicable.
Solubility in/miscibility with Water: Nearly insoluble.
Content of solvents: Unknown.
Organic solvents: Unknown.

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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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