

Material Safety Data Sheet



Sultan Healthcare

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EU Auth. Rep. (MDD 93/42/EEC)

MDSS GmbH • Schiffgraben 41 • D-30175 Hannover, Germany

FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week
Outside the United States call collect 1-352-323-3500

Q-Form 10-111, Rev. D

Date Reviewed: May 19, 2008

1. Chemical Identification

Common Name: Hydro-Cast[®] Tissue Treatment Material,
Powder
Ref #: 73020

2. Composition/Information on Ingredients

Proprietary polyethyl Methacrylate and higher acrylic ester
polymer

3. Hazards Identification

Acute Toxicity: Nuisance dust may cause minor eye and
respiratory irritation.

Chronic Toxicity: Material is not known to cause
significant health problems.

4. First Aid Measures

Eye Contact: Flush with large quantities of water for 15
minutes. Consult a physician.

Skin Contact: Wash with soap and water.

Inhalation: If irritation occurs, take victim to open air. If
breathing difficulty persists, consult a physician.

Ingestion: Ingestion of small quantities of this material,
under normal circumstances would not cause a harmful
effect. If large quantities are ingested, consult a physician.

5. Fire Fighting Measures

Flash Point and Method: N/A

Extinguishing Media: Carbon dioxide, water, dry chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

6. Accidental Release Measures

Environmental Precautions: Avoid seepage into sewers and
water supplies.

Clean-Up Procedure: Sweep up carefully to prevent a
slipping hazard.

7. Handling and Storage

Handling: No special measures necessary if handled
according to instructions.

Storage: Keep container tightly closed when not in use.

Store in a cool, dry location. Keep material in original
packaging.

8. Exposure Controls/Personal Protection

Exposure Limit Method: Use only in well-ventilated areas.

Respiratory Protection: Avoid inhalation of dust. No special
protection under normal use.

Eye Protection: Wear safety goggles or safety glasses with
side shields when handling.

Exhaust Required: Use with adequate ventilation.

Protective Gloves: Avoid unnecessary skin contact. Wear
latex gloves when handling.

Special Protective Clothing: Emergency responders should
wear impermeable clothing and footwear when responding
to a situation where contact with the chemical is possible.

9. Physical and Chemical Properties

Appearance: Fine, free-flowing white powder

Odor: Very slight fruity acrylic odor

Solubility in Water: Nil

pH (@ 25 °C): N/A

Boiling Point (°C): N/A

Melting Point: N/A

Evaporation Rate (Butyl acetate = 1): Nil

Vapor Pressure (mm Hg @ °C): N/A

Specific Gravity (H₂O = 1): N/A

Vapor Density (Air = 1): N/A

Water Reactivity: N/A

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Methyl and ethyl
methacrylate, carbon dioxide, water, carbon monoxide,
depending on conditions of heating and burning

Conditions to Avoid: Temperatures above 300 °C

11. Toxicological Information:

Specific effects: This material is a methacrylate polymer.

Allergic reaction possible in susceptible individuals.

12. Ecological Information

Do not discharge into sewers or water supplies.

Environmental persistence and degradability: N/A

Ecotoxicity: N/A

13. Disposal Considerations:

May be disposed of in landfill or incinerator in accordance
with local, state and federal regulations.

14. Transit Information

Not DOT, IMDG or IATA regulated.

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15. Regulatory Information

U.S. - O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16. Other Information

Material should be maintained in original containers. Empty containers should not be re-used.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. General properties are to be regarded as guidelines and are not guaranteed for all samples.