

SDS

Safety Data Sheet

1. IDENTIFICATION

Date: July 29, 2015

Product: **192 Gram (3X) Hide Glue**
CAS No. 68476-37-9

Synonyms: Animal Glue, De-polymerized Collagen

COMPANY IDENTIFICATION

MILLIGAN & HIGGINS
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EMERGENCY OVERVIEW

Tan to light yellow colored granular solid with low odor. Although not a combustible solid, this material will char if involved in a fire, releasing typical carbon oxides. No significant health effects are associated with this material.

2. HAZARDOUS INFORMATION

GHS Classification: This product is not subject to hazardous classification.

OSHA Hazards: No known hazards.

Potential Health Effects

- Inhalation Health Risks and Symptoms of Exposure: Inhalation of dust may cause irritation of throat and respiratory tract.
- Skin and Eye Contact Health Risks and Symptoms of Exposure: Skin irritation may occur. Possible dermatitis on prolonged or repeated contact. Hot solutions may cause burns.
- Skin Absorption Health Risks and Symptoms of Exposure: No information.
- Ingestion Health Risks and Symptoms of Exposure: Not a primary route of entry.

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HMIS Classification: Health Hazard: 0
Flammability: 0
Physical Hazards: 0

NFPA Rating: Health Hazard: 0
Fire: 0
Reactivity Hazard: 0

3. COMPOSITION(Hazardous Compounds)

NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT.

4. FIRST AID MEASURES

Eyes: Flush eyes with water until all foreign matter is completely removed. Get medical attention.

Skin: Wash dry material from skin with soap and water. Wash away solutions under running water, and treat for any burns

Inhalation: Remove affected persons to fresh air and consult physician.

5. FIRE FIGHTING MEASURES

- Extinguishing Media: Water Fog, CO₂, Foam, Alcohol Foam, Dry Chemical.
- Special Fire Fighting Procedures: Use Smoke Mask
- Unusual Fire and Explosion Hazards: None. When exposed to open flame or extreme heat, this material will char and eventually disintegrate with emission of smoke, leaving only a residual ash. Glue dust dispersed into the air may form explosive mixtures.
- Flash Point: 260-270°C Decomposition/Evolved Gas Flammable.

6. ACCIDENTAL RELEASE MEASURES

Sweep up dry material. Allow solutions to cool completely and gel; then strip from surface. Clean up residue with warm water.

Dispose in accordance with local, state and federal environmental regulations. Small amounts of solution may be washed into sanitary sewers, if local disposal district regulations allow.

7. HANDLING and STORAGE

Store in a cool, dry place. Empty packaging carefully to avoid dispersing dust into the air. Sweep up dust accumulations, if they occur. Industrial vacuum cleaner is preferred in order not to re-disperse dust into the air. Avoid contact with water prior to use.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection: Dust mask while emptying packaging. Smoke mask recommended when this material is exposed to extreme heat(260-270°C)
- Protective Gloves: Rubber or plastic while handling.
- Eye Protection: Glasses with sideshields.
- Other Protective Clothing or Equipment: Eyewash fountain.
- Work/Hygienic Practices: Wash after handling and before eating, smoking or using restrooms. Maintain good housekeeping.
- Other precautions: Do not take internally. Avoid contact with skin and eyes, and inhaling dusts.

9. PHYSICAL and CHEMICAL CHARACTERISTICS

- Boiling Point: N/A (dry material)
- Vapor Density: N/A
- Evaporation Rate: N/A
- Coating V.O.C.: N/A
- Material V.O.C.: N/A
- Solubility in Water: In all proportions.
- Appearance and Odor: Tan to light yellow colored granular solid. Low Odor.
- Specific Gravity(water = 1): 1.27

10. STABILITY and REACTIVITY

- Stability: Stable
- Conditions to Avoid: No information.
- Incompatibility(Materials to Avoid): No information
- Hazardous Decomposition or By-products: Oxides of carbon when burned.
- Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

- Chronic Health Hazard and Target Organ Effects: No information.
- Carcinogenicity: NTP? No
IARC Monographs? No
OSHA Regulated? No
- Medical Conditions Generally Aggravated by Exposure: Skin disorders.

12. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this material on the environment. Neither COD and/or BOD data is available. Based on chemical composition of this material it is assumed that the material can be treated in an acclimatized biological waste treatment plant system in limited quantities.

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13. DISPOSAL CONSIDERATIONS

This material is not considered a hazardous waste under Federal Waste Regulations. Please be advised, however, state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

It is recommended that this material waste be landfilled or incinerated after securing Environmental Regulatory Agency and landfill operations approval.

14. TRANSPORT INFORMATION

US Department of Transportation (DOT):
International Maritime Dangerous Goods (IMDG):
International Air Transport Association (IATA):

All consider this material as non-hazardous for transport.

15. REGULATORY INFORMATION

OSHA Hazards: No known hazards

SARA 302 Components: No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302

SARA 313 Components: This material does not contain any chemicals components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

SARA 311/312 Hazards: No Sara Hazard.

16. OTHER INFORMATION

This information is furnished without warranty, representation, inducement, or license of any kind except that it is accurate to the best of Milligan & Higgins' knowledge or obtained from sources believed by us to be accurate. M & H does not assume any legal responsibility for the use or reliance upon the same. Customers are encouraged to conduct their own tests.