

SAFETY DATA SHEET

Issue Date 14-Jun-2016

Revision Date

Version 1

1. IDENTIFICATION

Product Identifier

Product Name HOOF-IT BOVINE POWDER FAST CURE

Other means of identification

SDS# 066-57

Product Code 17999

Recommended use of the chemical and restrictions on use

Recommended Use Veterinary acrylic resin

Details of the supplier of the safety data sheet

Supplier Address Animart
1240 Green Valley Rd.
Beaver Dam, WI 53916

Emergency telephone number

Company Phone Number 920-885-2800

Emergency Telephone (CHEMTREC) 800-424-9300

2. HAZARDS IDENTIFICATION

Classification

| | |
|-----------------------|-------------|
| Eye Damage/Irritation | Category 2B |
| Skin Sensitizer | Category 1 |

Signal word Warning

Hazard statements H317 May cause an allergic skin reaction
H320 Causes eye irritation.



Physical State Powder

Appearance Fine, clear

Odor Faint odor in bulk

Precautionary Statements – Prevention

- P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
- P264 Wash hands and exposed skin thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response

- P363 Wash contaminated clothing before reuse.
- P302+P352 IF ON SKIN: Wash with soap and water.
- P305+P351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing.
- P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

Precautionary Statements – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight - % | Trade Secret |
|------------------|----------|------------|--------------|
| Polymer | 903-42-3 | < 95 | * |
| Benzoyl Peroxide | 94-36-0 | < 5 | |

*Specific chemical weight has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures**

| | |
|---------------------|---|
| Inhalation | Remove to fresh air. Get medical attention if discomfort persists. |
| Eye contact | Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, get medical advice / attention. |
| Ingestion | Do NOT induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately and provide an estimate of when and how much material was ingested. |
| Skin Contact | Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash before reuse. |

Most important symptoms and effects, both acute and delayed**Symptoms** Skin contact may aggravate an existing dermatitis. Direct contact with eyes may cause temporary irritation.**Indication of any immediate medical attention and special treatment needed****Note to physicians** Treat symptomatically.**5. FIRE-FIGHTING MEASURES****Extinguishing Media****Suitable:** Water, chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide (CO₂),**Unsuitable:** Not known.**Specific hazards arising from the chemical**

For bulk size: Polymers are combustible dusts, care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures.

Special Fire Fighting Procedures

For bulk size: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus.

Protective equipment and precautions for firefighters

For bulk size: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Polymers are sensitive to static discharge, follow grounding and bonding procedures. Polymers are not sensitive to mechanical impacts.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions

For bulk size: Use personal protective equipment as required. Keep airborne particulates at a minimum when cleaning up spills. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

Methods and material for containment and clean-up**Method for containment**

For bulk size: Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material (e.g. sand or earth). May contaminate water supply.

Method for clean-up

For bulk size: Maximize ventilation (open doors and windows) and secure all sources of ignition. Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Clean up in accordance with all applicable regulations. Wash all affected areas with plenty of warm water and soap.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust or fume. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed to prevent water absorption and contamination. Store in a dry, cool and well-ventilated place away from direct sunlight or other sources of light or intense heat. Temperature not to exceed 72°F (22°C).

Packaging materials

Keep in original container.

Incompatible materials

Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|--------------------------|-------------------------|-------------------------|--------------------------------|
| Polymer 9003-42-3 | Not established | Not established | Not established |
| Benzoyl Peroxide 94-36-0 | 5 mg/m ³ TWA | 5 mg/m ³ TWA | NIOSH: 5 mg/m ³ TWA |

Appropriate engineering controls

Apply technical measures to comply with the occupational exposure limits. When working with large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

Individual protection measures, such as personal protective equipment**Eye / face protection**

Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to US OSHA 29 CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection

If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to US OSHA 29 CFR SS1910.138 or the appropriate standards of Canada or the EC member states.

Respiratory protection

No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, EC member states or Australia. VENTILATION: Local exhaust at processing equipment.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|----------------|--------|----------------|--------------------|
| Physical state | Powder | Odor | Faint odor in bulk |
| Appearance | Fine | Odor threshold | Not determined |
| Color | Clear | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks / Method</u> |
|--------------------------------|--------------------|-------------------------|
| pH | Not determined | |
| Melting point / freezing point | Not determined | |
| Boiling point / boiling range | Not applicable | |
| Flash point | 303°C / 577°F | |
| Evaporation rate | Not determined | |
| Flammability (solid, gas) | Non-flammable | |
| Flammability limits in air | | |
| Upper flammability limit | Not applicable | |
| Lower flammability limit | Not applicable | |
| Vapor pressure | Not applicable | |
| Vapor density | Not applicable | |
| Specific gravity | Not determined | |
| Water solubility | Insoluble in water | |
| Solubility in other solvents | Not determined | |
| Partition coefficient | Not determined | |
| Auto ignition temperature | 80°C | |
| Decomposition temperature | Not determined | |
| Kinematic viscosity | Not determined | |
| Dynamic viscosity | Not determined | |
| Explosive properties | Not determined | |
| Oxidizing properties | Not determined | |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| <u>Reactivity</u> | Not reactive under normal conditions |
| <u>Chemical stability</u> | Stable under recommended storage conditions |
| <u>Possibility of hazardous reactions</u> | None under normal processing |
| Hazardous polymerization | Does not occur. |
| <u>Incompatible materials</u> | Strong oxidizing agents |
| <u>Hazardous decomposition products</u> | Methacrylate monomer, oxides of carbon when burned |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposures

| | |
|--------------|---|
| Inhalation | Not expected to be an inhalation hazard under normal conditions of intended use |
| Eye contact | Avoid contact with eyes. |
| Skin contact | Avoid contact with skin. |
| Ingestion | Do not taste or swallow. |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|-----------------|--------------------|
| Carcinogenicity | No data available. |
|-----------------|--------------------|

12. ECOLOGICAL INFORMATION

| | |
|--------------------------------------|----------------|
| <u>Ecotoxicity</u> | Not determined |
| <u>Persistence and degradability</u> | Not determined |
| <u>Bioaccumulation</u> | Not determined |

Mobility Not determined
Other adverse effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Follow all local and national government regulations in disposing material or contaminated packaging.

Contaminated Packaging For bulk only: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers.
Dispose of all empty containers properly in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

DOT Not regulated
IATA Not regulated
IMDG Not regulated

15. REGULATORY INFORMATION

SARA 313 None
US State Right-to-know Regulations None
International Inventories
EINECS Not Listed
SARA Hazard categories Not Listed
TSCA Listed United States Toxic Substances Control Act, Section 8(b) Inventory

16. OTHER INFORMATION

| HMIS | Health Hazards | Flammability | Physical Hazards |
|------|----------------|--------------|------------------|
| | 1 | 1 | 0 |

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet