

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FLAME HOLD

ROCKMOUNT RESEARCH & ALLOYS, INC.
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2. HAZARDS IDENTIFICATION

Emergency Overview: This product is normally not considered hazardous as shipped. Avoid eye contact or inhalation of dust from this product. When this product is used in a welding process, the most important hazards are welding fumes, heat, radiation and electric shock.

Classification of the Substance/Mixture

CLP/GHS Classification (1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Labelling:

Symbols: Void

Hazard Statements: Void

Precautionary Statements: Void

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS #	Range %	OSHA PEL (mg/m3)	ACGIH-TLV (mg/m3)	Carcinogenicity	EU Classification (67/548/EEC)	CLP/GHS Classification (1272/2008)
Cellulose	9004-34-6	1-11	NR	10	No	Not Dangerous	Not Hazardous
Mica	12001-26-2	20-30	20 mppcf	3	No	Not Dangerous	Not Hazardous
Sodium Chloride	7647-14-5	10-20	NR	NR	No	Not Dangerous	Not Hazardous
Water	7732-18-5	40-50	NR	NR	No	Not Dangerous	Not Hazardous
Sodium Alumino Sulphosilicate	57455-37-5	1-2	10	10	No	Not Dangerous	Not Hazardous
Alginate	9005-38-3	1-11	NR	NR	No	Not Dangerous	Not Hazardous

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Important: This section covers the materials of which the products manufactured. The fumes and gases produced during normal use of this product are covered in section 10. The term "Hazardous" in "Hazardous Material" should be interpreted as a term required and defined in OSHA Hazard Communication Standard 29CFR 1910-1200 and it does not necessarily imply the existence of hazard. The chemicals or compounds reportable by Section 313 of SARA are marked by the symbol #.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air immediately or administer oxygen. Get medical attention immediately.

Skin: Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

Eye: Flush eyes with water for at least 15 minutes. Get medical attention.

Ingestion: Obtain medical attention immediately if ingested. Rinse mouth.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: No specific recommendations.

Unsuitable Extinguishing Media: Not applicable.

Specific Hazards in Case of Fire: Not applicable.

Protective Equipment: No specific recommendations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to section 8.

Environment Precautions: Refer to section 13.

Cleaning Measures: Solid objects may be picked up and placed into a container.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep away from flames, sparks or hot surfaces. Wash thoroughly after handling and before handling food.

Storage Procedures: Store in a cool dry area out of direct sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Not applicable.

Personal protection: Not applicable.

Respiratory protection: Not applicable.

Hand protection: Wear appropriate gloves.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

Color: Brown

Odor: Odorless

Odor Threshold: Not Available

pH Value: Not Available

Melting Point/Melting Range: Not Available

Freezing Point: Not Available

Boiling Point/Boiling Range: Not Available

Flash point: Not Available

Evaporation Rate: Not Available

Self-in flammability: Not Available

Explosion limits: Not Available

Vapor pressure: Not Available

Vapor density: Not Available

Density at 20°C: Not Available

Specific Gravity: Not Available.

Solubility: Soluble in water.

Partition coefficient: Not Available

Auto-ignition temperature: Not Available

Other Information: No available data.

10. STABILITY AND REACTIVITY

Chemical Stability: This product is stable under normal conditions.

Conditions to Avoid: Not applicable.

Incompatible Materials: Not applicable.

Hazardous Reactions: Not applicable.

Hazardous Decomposition Products: Organic components and soluble inorganic components are 100% biodegradable. Mineral components are inert and may be introduced into the environment without consequence.

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure: Fumes and gases generated during use of this product, in conjunction with heating, welding, brazing or soldering procedures, can be dangerous to you health. Aggravation of pre-existing respiratory or allergic conditions may occur. Overexposure may cause minor skin irritation/dryness.

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LD/LC50 Values that are relevant for classification		
Cellulose 9004-34-6		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LC50	>2000 mg/kg (rabbit)

LD/LC50 Values that are relevant for classification		
Sodium Alumino Sulphosilicate 57455-37-5		
Oral	LD50	>10 g/kg (rat)
Oral	LC50	>32000 mg/kg (fish)

LD/LC50 Values that are relevant for classification		
Alginate 9005-38-3		
Oral	LD50	>5000 mg/kg (rat)
Intravenous	LD50	1 g/kg (rat)
Intraperitoneal	LD50	250 mg/kg (cat)

Chronic Effects: Overexposure to nuisance dust from products may cause benign or inert pneumoconiosis or cough. Prolonged or repeated exposure to Sodium Alumino Sulphosilicate may cause severe irritation and dermatitis. Repeated inhalation may cause chronic bronchitis.

12. ECOLOGICAL INFORMATION

Toxicity: No available data.

Persistence and Degradability: No available data.

Bio Accumulative Potential: No availability data.

Mobility in Soil: No available data.

Other Adverse Effects: No available data.

Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Do not allow product to be released in the environment without proper governmental permits.

13. DISPOSAL CONSIDERATIONS

Product: For product elimination, dispose of in accordance with EPA regulations.

Package: May be disposed in approved landfills provided local regulations are observed.

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14. TRANSPORT INFORMATION

UN-number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class: Not applicable.

Packing group: Not applicable.

Environmental hazards: Not applicable.

Special precautions for users: Not applicable

Transport in bulk according to Annex II of MARPOL73/78 AND THE IBC Code: No international regulations or restrictions are applicable.

15. REGULATORY INFORMATION

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:

Acute Health Hazard - No

Chronic Health Hazard - No

Fire Hazard - No

Sudden Release of Pressure Hazard - No

Reactive Hazard - No

Section 313 Toxic Chemicals: None

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

California Proposition 65:

This product contains the following Proposition 65 chemical. None

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

16. OTHER INFORMATION

The information in this document is believed to be correct as of the date issued. However, no warranty is expressed to be implied regarding the accuracy or completeness of this information. This information and product are furnished on the condition that the person receiving them shall make his own determinations as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of his use thereof.

This Safety Data Sheet complies with the EC directives 91/155/EEC and 93/112/EEC, including modifications 2001/58/EC. Complies with OSHA Communication Standard 29 CFR 1910.1200 and Superfund Amendments and Reauthorization Act (SARA) of 1986 Public Law 99-499.

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