

RH BRANDS, INC – DURHAM’S WATER PUTTY

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: Durham’s Rock Hard Putty

Recommended use of the chemical and restrictions on use:

Supplier: RH Brands
2728 6th Avenue
Des Moines, IA 50313 U.S.A.

Phone: (515)-244-6363

SDS Date of Preparation: 04/01/22

Revision Date 6/13/2025

2. HAZARDS IDENTIFICATION

SDS are written for use in manufacturing, packaging, and bulk storage situations.

GHS Classification:

Physical:	Health:	Environmental
Not Hazardous	Not Hazardous	Not Hazardous

GHS Label Elements:

None Required

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Molding Plaster	26499-65-0	>85%
Corn Starch	9005-25-8	<15%

The exact concentration is being withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Flush eyes with large quantities of water, while holding the eyelids apart. Get medical attention if irritation develops and persists.

Skin: Wash contact area thoroughly with soap and water. Get medical attention if irritation or symptoms of exposure develop.

Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.

Inhalation: Remove to fresh air. If irritation or other symptoms persist, get medical attention.

Most Important Symptoms: May cause eye and skin irritation. Inhalation of dust may cause mucous membrane and respiratory irritation.

Indication of immediate medical attention/special treatment: Immediate medical attention should not be required.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate to the surrounding fire.

Specific hazards arising from the chemical: Decomposition may release oxides of carbon and metal fumes.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

Explosion Data (sensitivity to mechanical impact or static discharge): None known.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid creating airborne dust. Do not breathe dust. Avoid contact with eyes. Wear appropriate protective clothing and equipment.

Methods and Materials for Containment and Cleaning Up: Collect using dustless method (HEPA vacuum or wet method) and place in appropriate container for use. Do not use compressed air. Do not sweep up. Place dry material into an appropriate container for disposal. Flush spill area with water to remove residue.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Do not breathe dust. Avoid dust generation. Avoid contact with eyes. Wear protective clothing and equipment. Use only with adequate ventilation. Wash thoroughly after handling. Keep container closed. Practice good housekeeping to prevent accumulation of dust in work areas.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Molding Plaster	15 mg/m ³ TWA OSHA PEL (total dust) 5 mg/m ³ TWA OSHA PEL (respirable fraction)
Corn Starch	None Established

For Manufacturing, Packaging, and Bulk Storage

Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.

Respiratory Protection: In operations where the occupational exposure limits are exceeded, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: None required under normal conditions of use.

Eye Protection: Follow facility requirements. Chemical safety glasses or dust goggles recommended to avoid eye contact.

Other: None required under normal conditions of use.

For Consumer Use

Engineering Controls: General ventilation should be sufficient.

Respiratory Protection: Respiratory Protection should not be needed. If significant amounts of dust are generated and irritation occurs, a dust mask is recommended.

Skin Protection: None required.

Eye Protection: None required unless significant amounts of dust are generated.

Other: None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Cream colored, odorless powder.

Physical State: Solid	Odor Threshold: Not available
Vapor Density: Not applicable	Initial Boiling Point/Range: Not applicable
Solubility In Water: Insoluble	Vapor Pressure: Not applicable
Relative Density: Not available	Evaporation Rate: Not applicable
Melting/Freezing Point: Not available	pH: Not applicable
VOC Content: Not applicable	Octanol/Water Coefficient: Not applicable
Solubility: Insoluble in water	Decomposition Temperature: Not available
Viscosity: Not applicable	Flammability (solid, gas): Not flammable
Flashpoint: Not applicable	Autoignition Temperature: None
Flammable Limits: LEL: Not applicable UEL: Not applicable	

10. STABILITY AND REACTIVITY

Reactivity: Stable.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Oxides of carbon and metal fumes.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Eye: Dust may cause mechanical irritation and corneal abrasion.

Skin: May cause mechanical irritation, skin abrasions or dry skin.

Ingestion: No adverse effects expected for normal incidental ingestion. Large amounts may cause gastrointestinal irritation.

Inhalation: Inhalation of dust may cause irritation to the nose, throat and upper respiratory tract with coughing and shortness of breath.

Chronic: None known.

Sensitization: Not expected to cause sensitization.

Carcinogenicity: None of the components listed above 0.1% are listed as carcinogens by OSHA, IARC, NTP, or ACGIH.

Germ Cell Mutagenicity: None of the components of this product are suspected to cause Mutagenicity.

Reproductive Toxicity: No data available.

Numerical Measures of Toxicity:

Molding Plaster: Oral rat LD50 >2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:

This product is not expected to present an environmental hazard.

Persistence and Degradability: Biodegradability does not apply to inorganic compounds.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

IMDG Shipping Name: Not Regulated

UN Number: None

IMDG Hazard Class/ Packing Group: None

IMDG Hazard Labels Required: None

IATA Shipping Name: Not Regulated

UN Number: None

IATA Hazard Class/ Packing Group: None

IATA Hazard Labels Required: None

15. REGULATORY INFORMATION

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Hazard Category for Section 311/312: Refer to Section 2 for OSHA Hazard Classification.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements:

Components	C.A.S. #	WT %
None	None	None

Section 302 Extremely Hazardous Substances (TPQ): None

US Toxic Substance Control Act: All the components of this product are listed on the TSCA Inventory.

State Regulations

California: This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 0 Instability = 0
HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 0

Revision Summary:

02/03/15: Updated all sections due to new composition.

02/10/17: Updated Section 15.

05/15/17: Updated Section 15.

06/14/21: Composition change (change made on 3/8/21). Updated Section 3, 8, 11, & 15.

04/01/22: Updated Section 1