

MATERIAL SAFETY DATA SHEET

MSDS DATE: 06/21/2009

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Durham's Rock Hard Water Putty
SYNONYMS: None
PRODUCT CODES: None

MANUFACTURER: Donald Durham Company, Inc.
DIVISION:
ADDRESS: P.O. Box 804, Des Moines, Iowa 50304-0004

EMERGENCY PHONE: 515-243-0491

PREPARED BY: N/A

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| <u>HAZARDOUS COMPONENTS:</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>OTHER RECOMMENDED LIMITS</u> | <u>%(OPTIONAL)</u> |
|---|---|------------------|---------------------------------|--------------------|
| Nuisance dust | 15 mg/m ³ total or 5 mg/m ³ respirable dust | | | >99% |
| Silicates (<1% crystalline silica) (CAS #'s 14807-96-6; 9004-53-9; 26499-65-0) | 20 mppcf | 2 mg/cubic meter | | |

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Mechanical eye and skin irritation possible, but not likely. Prolonged exposures to excessive quantities of dust can result in lung damage.

ROUTES OF ENTRY: Inhalation.

POTENTIAL HEALTH EFFECTS

EYES: Mechanical irritation

SKIN: Mechanical irritation

INGESTION: No

INHALATION: Yes

ACUTE HEALTH HAZARDS: Inhalation of high concentrations may cause mechanical irritation and discomfort.

CHRONIC HEALTH HAZARDS: Repeated over-exposures can cause chronic respiratory system effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Excessive exposure to any dust may aggravate pre-existing respiratory conditions.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** Crystalline Silica-Yes **IARC:** Crystalline Silica-Group 1 **OTHER:** No

This product contains crystalline silica at a non-detectable level of less than 1%, and no measurable levels of crystalline silica have been detected by personal air sampling conducted during use of product in accordance with manufacturer's instructions.

SECTION 3 NOTES: None

SECTION 4: FIRST AID MEASURES

EYES: Flush with plenty of flowing water. Get medical attention if irritation persists.

SKIN: Wash off with water.

INGESTION: Unlikely to cause effects.

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INHALATION: Remove to fresh air.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None known.

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not flammable
(% BY VOLUME) **LOWER:** No flammable

FLASH POINT:

F: None

C: None

METHOD USED: N/A

AUTOIGNITION TEMPERATURE:

F: None

C: None

NFPA HAZARD CLASSIFICATION

HEALTH: N/A

FLAMMABILITY: N/A

REACTIVITY: N/A

OTHER: N/A

EXTINGUISHING MEDIA: None needed

SPECIAL FIRE FIGHTING PROCEDURES: None needed

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: NFPA 001

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Not a RCRA waste. Use dust-suppression methods to clean up waste. Dispose according to state and local regulations.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: None special precautions.

OTHER PRECAUTIONS: None

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: See below.

VENTILATION : Local exhaust dust collection

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RESPIRATORY PROTECTION: NIOSH-certified respiratory protection for dusts

EYE PROTECTION: Yes

SKIN PROTECTION: Yes

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

WORK HYGIENIC PRACTICES: Avoid generation of dust.

EXPOSURE GUIDELINES: OSHA PEL's for total and respirable dust exposures.

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Cream-colored powder

ODOR: Little odor

PHYSICAL STATE: Powder

pH AS SUPPLIED: N/A

pH (Other): N/a

BOILING POINT:

F: None

C: None

MELTING POINT:

F: None

C: NOne

FREEZING POINT:

F: None

C: None

VAPOR PRESSURE (mmHg):

@

F: None

C: None

VAPOR DENSITY (AIR = 1):

@

F: None

C: None

SPECIFIC GRAVITY (H₂O = 1):

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F: N/A

C: N/A

EVAPORATION RATE: N/A

BASIS (=1): N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Not freely soluble.

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE:

BY WT/ BY VOL @

F: None

C: None

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: N/A LBS/GAL

WITHOUT WATER: N/A LBS/GAL

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MOLECULAR WEIGHT: Not known

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VISCOSITY: N/A

F: N/A

C: N/A

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): None known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None Known

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Same as for nuisance dusts

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None known

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Comply with state and local regulations.

RCRA HAZARD CLASS: Not a RCRA waste.

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not applicable

HAZARD CLASS: Not applicable

ID NUMBER: Not applicable

PACKING GROUP: Not applicable

LABEL STATEMENT: Not applicable

WATER TRANSPORTATION

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PROPER SHIPPING NAME: Not applicable
HAZARD CLASS: Not applicable
ID NUMBER: Not applicable
PACKING GROUP: Not applicable
LABEL STATEMENTS: Not applicable

AIR TRANSPORTATION

PROPER SHIPPING NAME: Not applicable
HAZARD CLASS: Not applicable
ID NUMBER: Not applicable
PACKING GROUP: Not applicable
LABEL STATEMENTS: Not applicable

OTHER AGENCIES: None known

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not applicable

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not applicable

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not applicable

311/312 HAZARD CATEGORIES: Not applicable

313 REPORTABLE INGREDIENTS: Not applicable

STATE REGULATIONS: Not applicable

INTERNATIONAL REGULATIONS: None known

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Conforms to ASTM D-4236