

Material Safety Data Sheet

0411, 0415 Tile Grout Powder

MSDS No. 0021 Rev. 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Tile Grout – Powder		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc.	(918)825-5744	
STREET ADDRESS	4175 Webb Street		
CITY / STATE / ZIP	Pryor, Oklahoma 74361		

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
Portland Cement (65997-15-1)	< 80	10	15	mg/m3
Polyvinyl Alcohol (9002-89-5)	< 1	10**	15	mg/m3
Calcium Carbonate (1317-65-3)	< 25	10	15	mg/m3
Non-hazardous ingredients*				
*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). ** TWA. Calculated VOC: 0%/wt, 0 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes (Section 16).				

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	WARNING: May cause injury to eyes. Causes skin irritation. Dust may result in material in eyes, ears, nose & mouth – causing irritation.				
EFFECTS OF OVEREXPOSURE	<u>Eye Contact:</u> May cause irritation. <u>Skin Contact:</u> Wet cement may dry skin & result in alkali burns. <u>Inhalation:</u> Dust may cause irritation to nose, throat & respiratory tract. <u>Ingestion:</u> Irritating to mouth, throat & stomach. <u>Chronic Exposure:</u> IARC has determined that silica, crystalline (present in calcium carbonate filler), when inhaled is carcinogenic to humans.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Asthma &/or asthma-like, may worsen w/ prolonged or repeated exposure.				

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash skin w/ soap & water, if irritation persists seek medical attention.
EYE CONTACT	Flush eyes w/ plenty of water until irritation subsides. Seek medical attention.
INHALATION	Remove to fresh air & seek medical attention.
INGESTION	Do not induce vomiting. Seek medical attention immediately.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not considered to be a fire hazard.	
EXTINGUISHING MEDIA	CO2, Dry Chemical, Foam		
FLASHPOINT (°F) & METHOD	Material noncombustible.	UPPER EXPLOSIVE LIMIT (% BY VOLUME)	NA
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NA	AUTOIGNITION TEMPERATURE (°F)	NA
UNUSUAL FIRE & EXPLOSION HAZARDS	None known – material is non-flammable.		
SPECIAL FIREFIGHTING PROCEDURES	Use water spray to cool exposed surfaces in area of fire.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES	Sweep up spilled powder & place into appropriate containers.		
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SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Keep out of reach of children & pets. Keep containers tightly closed & away from excessive heat & freezing. Avoid eye & skin contact. Avoid inhalation of dust from this product.		
STORAGE REQUIREMENTS	Cool, dry, ventilated area. Keep container closed when not in use.		

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	Wear appropriate respirator to avoid exposure to dust. Avoid breathing dust during use or dry sanding.		
EYEWEAR	Use chemical safety goggles. Maintain eye wash fountain & quick-drench facilities in work area.		
CLOTHING / GLOVES	Wear protective/water resistant gloves & clean body-covering clothing.		
HYGENIC PRACTICES	Take appropriate measures to prevent all contact. Wash thoroughly before breaks & after workday.		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Powder	ODOR & APPEARANCE	Low odor, powder
SPECIFIC GRAVITY	Approximately 2.5 to 3.0	VAPOR DENSITY (AIR=1)	NE
EVAPORATION RATE	NE	BOILING RANGE (°F)	NE
pH	NE	SOLUBILITY IN WATER	Dispersible in water
VAPOR PRESSURE (MM Hg)	NE	% VOLATILES BY WEIGHT	NE

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stable under ordinary conditions of use & storage.	
INCOMPATIBILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Strong oxidizers & caustics.	
CONDITIONS TO AVOID	Excessive heat & freezing.		
HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerization will not occur. Hazardous Decomposition: Normal decomposition products (COx, NOx.)		

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	Contains Crystalline Silica.
OSHA	Contains Crystalline Silica.
IARC	Contains Crystalline Silica.
NTP	Contains Crystalline Silica.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Crystalline Silica is known to the State of California to cause cancer.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	NE
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	Dispose of in accordance w/ Federal, State & Local requirements. Product does not meet definition of a hazardous waste according to US EPA code @ left. Do not reuse empty containers. EPA Waste Code: None.
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SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	Not regulated by DOT.
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SECTION 15 – REGULATORY INFORMATION

OSHA	Product hazardous by definition of Hazard Communication Standard 29 CFR 1910.1200.	U.S. STATE REGS	See Section 16.
SARA 313	No SARA 313 materials in product.	TSCA	Product contains no materials subject to reporting requirements of TSCA 12 (B), if exported from US.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

New Jersey Right-to-Know: No non-hazardous materials are among the top 5 ingredients. Pennsylvania Right-to-Know: No non-hazardous materials present @ > 3%. California Prop 65 (Known to state of California to cause cancer): Crystalline silica (14808-60-7) present in Calcium Carbonate, used in formula. Canadian WHMIS Class: NE. HMIS: Flammability: 0, Health: 2, Reactivity: 0. **WARNING**: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act, CPR – Controlled Products Regulations.

Reviewed By

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DATE

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