

Material Safety Data Sheet

0501, 0504 Patch n Fill Water Putty - Powder

MSDS No. 0032 Rev 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Patch n Fill – Water Putty Powder		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc.	(918)825-5744	
STREET ADDRESS	4175 Webb Street		
CITY / STATE / ZIP	Pryor, OK 74361		

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
Gypsum & Aluminum Silicate Blend (8031-18-3) as nuisance particulate total	~ 80.0	10	15	mg/m3
Non-hazardous ingredients*	~ 20	NA	NA	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Inhalation of particles unlikely, due to products physical state. ***ACGIH TWA. **** OSHA TWA. Calculated VOC: 0%/wt, 0 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes. (See Section 16).

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	Off-white to yellow tan powder. May cause eye & skin irritation. May cause respiratory tract irritation.				
EFFECTS OF OVEREXPOSURE	<u>Eye</u> : May cause irritation. <u>Skin</u> : May cause irritation. <u>Ingestion</u> : Toxicological properties of this substance have not been fully investigated, as per (8031-18-3) supplier. <u>Inhalation</u> : May cause respiratory tract irritation. Toxicological properties of this substance have not been fully investigated, as per (8031-18-3) supplier. <u>Chronic</u> : No information found.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.				

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Seek medical attention if irritation develops or persists.
EYE CONTACT	Flush eyes w/ plenty of water for @ least 15 minutes, while lifting upper & lower eyelids occasionally. Seek medical attention.
INHALATION	Remove from exposure & to fresh air immediately. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Seek medical attention if cough or other symptoms appear.
INGESTION	Do not induce vomiting, unless directed by medical personnel. If victim conscious & alert, give 2 to 4 cupfuls of milk or water. Seek medical attention immediately.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Material is nonflammable.	
EXTINGUISHING MEDIA	Use extinguishing media most appropriate for surrounding fire.		
FLASHPOINT (°F) & METHOD	N/A.	UPPER EXPLOSIVE LIMIT (% BY VOLUME)	NE
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NE	AUTOIGNITION TEMPERATURE (°F)	N/A
UNUSUAL FIRE & EXPLOSION HAZARDS	None known.		
SPECIAL FIREFIGHTING PROCEDURES	As in any fire, wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), & full protective gear. Substance is nonflammable.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES	Use proper personal protective equipment, as indicated in Section 8. Sweep up & place into a suitable container for disposal. Avoid generating dust.		
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SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Wash thoroughly after handling. Use w/ adequate ventilation. Minimize dust generation & accumulation. Avoid contact w/ skin or eyes. Do not ingest or inhale.		
STORAGE REQUIREMENTS	Store in a cool, dry place.		

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	<u>Engineering Controls</u> : Use adequate ventilation to keep airborne concentrations low. Follow OSHA respirator regulations in 29 CFR 1910.134 or European Standard EN 149. Use NIOSH/MSHA or European Standard 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.		
EYEWEAR	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye & face protection regulations in 29 CFR 1910.133 or European Standard EN166.		
CLOTHING / GLOVES	Wear appropriate gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure.		
HYGENIC PRACTICES	Wash thoroughly after use & @ end of workday.		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Powder	ODOR & APPEARANCE	Off-white to yellow tan. No odor.
SPECIFIC GRAVITY	Not available	VAPOR DENSITY (AIR=1)	Not available
EVAPORATION RATE	NA	BOILING RANGE (°F)	NA
pH	Not available	SOLUBILITY IN WATER	Not available
VAPOR PRESSURE (MM Hg)	Not available	%/WT VOLATILE (TNV)	NA

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stable under normal temperature & conditions.	
INCOMPATIBILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Strong acids.	
CONDITIONS TO AVOID	Incompatible materials.		
HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS	No hazardous decomposition products. Hazardous polymerization has not been reported.		

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	CAS # 8031-18-3 not listed as carcinogenic. May contain small levels of Crystalline Silica.
OSHA	None of the chemicals in product are considered highly hazardous by OSHA. May contain small levels of Crystalline Silica.
IARC	CAS # 8031-18-3 not listed as carcinogenic. May contain small levels of Crystalline Silica.
NTP	CAS # 8031-18-3 not listed as carcinogenic. May contain small levels of Crystalline Silica.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Epidemiology, Teratogenicity, Reproductive Effects, Mutagenicity, Neurotoxicity: No information available. Crystalline Silica known to the State of California to cause cancer.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	No data available. No information available.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	Dispose of in accordance w/ all local, state & federal requirements. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for classification determination listed in 40 CFR Section 261.3. Additionally, waste generators must consult state & local hazardous waste regulations to ensure complete & accurate classification.
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SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	<u>US DOT</u> : Not regulated by DOT.
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SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	No chemicals in product have an RQ (CERCLA). <u>SARA 302</u> (Extremely Hazardous): None.	U.S. STATE REGS	See Sec. 16
SARA 313/DSL	No chemicals in product are reportable under SARA Section 313.	TSCA	CAS # 8031-18-3 listed on TSCA Inventory. No chemicals in product listed under TSCA Section 12b. No chemicals in product have a SNUR (Significant New Use Rule) under TSCA.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

NFPA (estimated): Health: 1; Flammability: 0; Instability: 0. RCRA P-Series: None listed. RCRA U-Series: None listed. Canada TDG: No information available. Health & Safety Reporting List: None listed. Chemical Test Rules: None of the chemicals in product are under a Chemical Test Rule. Clean Air Act: This product does not contain any HAP's. This product does not contain any Class 1 or Class 2 Ozone depleters. Clean Water Act: None of the chemicals in product listed as Hazardous Substances under CWA. None of the chemicals in product listed as Priority Pollutants under CWA. None of the chemicals in product listed as Toxic Pollutants under CWA. CAS # 8031-18-3 not present on state lists from CA, PA, MN, MA, FL or NJ. Prop 65 Ingredients (determined by state of California to cause cancer): Yes. Contains Crystalline Silica, known to the State of California to cause cancer. European/International Regulations: Labeling/Hazardous Symbols – not available. Safety Phrases – Avoid contact w/ skin & eyes. WGK (Water Danger/Protection) – no information available. Canada DSL/NDSL: CAS # 8031-18-3 listed on Canada's DSL List. Canada WHMIS: CAS # 8031-18-3 has a WHMIS classification: Not controlled. 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 (Listed Permissible Levels (PEL) are from U.S. Department of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states. 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

Reviewed By _____ Larry G. Brandon _____ VP Technology & General Manger _____ January 25, 2010 _____
NAME TITLE DATE

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