

Material Safety Data Sheet		0466 (10241) Fireplace & Stove Repair - Black/DK Charcoal Gray Paste			
MSDS No. 0026 Rev 1		Emergency Phone No. (918)825-5744			
SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION					
PRODUCT NAME	Fireplace & Stove Repair – Black/DK Charcoal Gray Paste				
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
Silica & Clay Blend ** (68855-54-9) (68953-58-2) Sodium Silicate (1344-09-8) Silicate, as Perlite (93763-70-3) Non-hazardous ingredients* *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: < 1%/wt, < 10 g/L. CARB Compliance: Yes Prop 65 Ingredients: None (See Section 16).		40 to 50 45 to 55 < 2.5 < 10	10 NE NE	15 NE NE	mg/m3
SECTION 3 – HAZARDS IDENTIFICATION					
PRIMARY ROUTE(S) OF ENTRY	☒ Skin Contact ☒ Skin Absorption ☒ Eye Contact ☒ Inhalation ☒ Ingestion				
EMERGENCY OVERVIEW	Black/DK Charcoal Gray paste. Possible eye, respiratory & skin irritant.				
EFFECTS OF OVEREXPOSURE	<u>Eye:</u> Contact may cause irritation. <u>Skin:</u> Contact may cause irritation. <u>Ingestion:</u> Ill effects if large quantities ingested. <u>Inhalation:</u> Irritation of lungs, nose, throat may result from over-exposure to dust. <u>Chronic:</u> None known.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	As a precautionary measure, preclude from those individuals w/ a history of respiratory ailments.				
SECTION 4 – FIRST AID MEASURES					
SKIN CONTACT	Wash thoroughly w/ mild soap & water. Seek medical attention if irritation persists.				
EYE CONTACT	Irrigate eyes w/ running water for @ least 15 minutes. Seek medical attention if irritation persists.				
INHALATION	Remove to fresh air. If irritation persists, seek medical attention.				
INGESTION	Do not induce vomiting unless directed by medical personnel. Seek medical attention.				

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	☐ Yes ☒ No	Material not flammable.
EXTINGUISHING MEDIA	Dry chemical, Carbon dioxide, Foam, Water spray for large fires.	
FLASHPOINT (°F) & METHOD	NA	UPPER EXPLOSIVE LIMIT (% BY VOLUME) NE
LOWER EXPLOSIVE LIMIT (% BY VOLUME)	NE	AUTOIGNITION TEMPERATURE (°F) NE
UNUSUAL FIRE & EXPLOSION HAZARDS	None known.	
SPECIAL FIREFIGHTING PROCEDURES	As for surrounding fire.	

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES	Safeguards (Personnel): Review Fire Fighting Measures & Handling (Personnel) sections before proceeding w/ clean-up. Use appropriate Personal Protective Equipment during clean-up.
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SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT	Dust mask may be required.
STORAGE REQUIREMENTS	Store under ambient, dry conditions.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY	Dust mask or respirator. If needed use local exhaust ventilation to keep airborne concentrations below TLV.
EYEWEAR	Safety glasses or goggles.
CLOTHING / GLOVES	Gloves. Barrier skin cream.
HYGENIC PRACTICES	Wash after use, before breaks & @ end of work day.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Paste	ODOR & APPEARANCE	Mild to no odor. Textured paste.
SPECIFIC GRAVITY	Approximately 1.5 to 2	VAPOR DENSITY (AIR=1)	NE
EVAPORATION RATE	> 1 (Bu Ac = 1)	BOILING RANGE (°F)	NE
pH	Approximately 10 to 12	SOLUBILITY IN WATER	Slight
VAPOR PRESSURE (MM Hg)	NE	%/WT VOLATILE (TNV)	Approximately 29 to 35%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	☒ Yes ☐ No	Stable in normal conditions.
INCOMPATABILITY	☐ Yes ☒ No	None known.
CONDITIONS TO AVOID	None known.	
HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerization will not occur.	

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY			
ACGIH	NE – material not tested, but based on components: May be irritating to eyes, respiratory tract & skin. No components listed as carcinogens.		
OSHA	NE – see above.		
IARC	NE – see above.		
NTP	NE – see above.		
DATA WITH POSSIBLE RELEVANCE TO HUMANS	None known.		
SECTION 12 – ECOLOGICAL INFORMATION			
AQUATIC TOXICITY	No data.		
SECTION 13 – DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	Treatment, storage, transportation & disposal must be in accordance w/ Local, State & Federal regulations. None.		
SECTION 14 – TRANSPORT INFORMATION			
SPECIAL SHIPPING INFORMATION	Not regulated by DOT.		
SECTION 15 – REGULATORY INFORMATION			
CERCLA – SARA HAZARD CATEGORY	None.	U.S. STATE REGS	See Section 16.
SARA 313/DSL	Contains no toxic chemicals subject to 313 reporting requirements.	TSCA	Reported/included.
SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND			
<u>NPCA-HMIS Rating:</u> Health: 1. Flammability: 0. Reactivity: 0. <u>New Jersey Right-to-Know</u> (top 5 ingredients): Silica (68855-54-9), Clay (68953-58-2), Sodium Silicate (1344-09-8), Silicate, as perlite (93763-70-3), Water (7732-18-5). <u>Pennsylvania Right-to-Know</u> (Non-Haz. @ > 3%): Water (7732-18-5). <u>Prop 65</u> (Known to state of California to cause cancer): None known. <u>Substances known to state of California to cause birth defects or other reproductive harm</u>: None known. <u>LEGEND:</u> 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 <u>__Larry G. Brandon__</u> VP Technology & General Manger <u>September 28, 2009</u> NAME TITLE DATE The information contained herein has been developed based upon currently available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.			