

Material Safety Data Sheet

SB100 Smoke Block Sealant - Pink

MSDS No. 0141 Rev 2

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Fireplace & Stove Repair – Black 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)	40 to 50	10	15	mg/m3
Sodium Silicate (1344-09-8)	45 to 55	NE	NE	
Silicate, as Perlite (93763-70-3)	< 2.5			
Non-hazardous ingredients*	< 10	NE	NE	

*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
CARB Compliance: Yes Prop 65 Ingredients: None (See Section 16).

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	Red/pink 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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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. Red/pink textured paste.
SPECIFIC GRAVITY	Approximately 1.5 to 1.75	VAPOR DENSITY (AIR=1)	NE
EVAPORATION RATE	NE	BOILING RANGE (°F)	NE
pH	Approximately 10 to 12	SOLUBILITY IN WATER	Slight
VAPOR PRESSURE (MM Hg)	NE	%/WT VOLATILE (TNV)	Approximately 25 to 35%

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stable in normal conditions.	
INCOMPATIBILITY	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Treatment, storage, transportation & disposal must be in accordance w/ Local, State & Federal regulations.
EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	None.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	Not regulated by DOT.
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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

NPCA-HMIS Rating: Health: 1. Flammability: 0. Reactivity: 0. New Jersey Right-to-Know (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). Pennsylvania Right-to-Know (Non-Haz. @ > 3%): Water (7732-18-5). Prop 65 (Known to state of California to cause cancer): None known. Substances known to state of California to cause birth defects or other reproductive harm: None known.

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 November 11, 2008

NAME TITLE DATE

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