

BREAK-FREE BORE PASTE**Section I****PRODUCT IDENTITY**

Mfg.: Break-Free Inc. an Armor Holdings Inc. Company 13386 International Parkway Jacksonville, FL 32218	Trade Name: Break-Free Bore Paste	Description: Paste (mixture)	Information Phone: 800-433-2909
	DOT Class: Not Restricted Cargo	NFPA Rating: Health=1, Fire=0, Reactivity=0	Date Prepared: January 24, 2007
			Supersedes: November 18, 2005
			Prepared By: Don Yoder

TRANSPORTATION EMERGENCY PHONE NUMBER: CHEM-TEL, INC. 1-800-255-3924 (U.S. and Canada) OR 1-813-979-0626 (call collect)

Section II**HAZARDOUS INGREDIENT/IDENTITY INFORMATION**

Chemical or Common Name	CAS Numbers	PEL:	TLV:	STEL:	% VOL:
Petrolatum	8009-03-8	NE	NE	NE	NA-
Almandite Garnet	1302-62-1	N/A	N/A	NE	NA-
Hydrogenated Fatty Acid	57-11-4	NE	NE	NE	NA-
Straight-Run Middle Petroleum Distillate	64741-44-2	5 mg/m3	5 mg/m3	10 mg/m3	10.0-15.0
Soybean Oil	8001-22-7	NE	NE	NE	NA-
Coal Oil	8008-20-6	5 mg/m3	5 mg/m3	10 mg/m3	5.0-10.0
Hydrotreated Heavy Petroleum Distillate	64742-52-5	5 mg/m3	5 mg/m3	10 mg/m3	<5.0
Triethanolamine	102-71-6	NE	NE	NE	NA

NOTE: All SARA Title III materials have been reported. All ingredients contained in this formula are listed on the Toxic Substances Control Act (TSCA) Chemical Inventory.

Section III**PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point: NA	Specific Grav.: NA	Sol. in Water: Nil
Vapor Pres.: NA	Appearance: Dark Colored Paste	Evaporation Rate: NA
Vapor Density: < 1		% Volatile: 15% by Weight
Pour Point: NA	Odor: Mild	VOC: NA

Section IV**FIRE & EXPLOSION HAZARD DATA****Flash Point:** NA**Flammability Limits:** NA**Autoignition Threshold:** NA

Extinguishing Media: For warehouse and storage conditions, use NFPA Class B Extinguishers (CO2, dry chemical or universal aqueous film forming foam).

Fire Fighting Procedures: Cool fire exposed containers with water. Always wear proper skin and eye protection.

Unusual Fire & Explosion Hazards: When liquid or vapor come into contact with flames or red-hot metal, products of combustion will be created.

Section V**REACTIVITY DATA****Stability:** Stable**Incompatibility:** Avoid strong oxidizing agents, acids & alkali materials.**Hazardous Polymerization:** Will not occur**Conditions to avoid:** None**Hazardous decomposition products:** Oxides of Carbon.

Section VI

HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Ingestion, Skin, Eyes.

SIGNS & SYMPTOMS OF EXPOSURE:

Inhalation: Not a normal route of entry.

Skin Contact: Prolonged and repeated contact can defat the skin which may result in dryness, dermatitis and cracking of the skin.

Eye Contact: May cause redness, tearing, swelling and/or pain.

Medical Conditions Generally Aggravated by Exposure: While expected to be moderately irritating from the skin, as with all petroleum products, prolonged and repeated contact with the skin could cause irritation and possible dermatitis. Other conditions unknown..

EMERGENCY AND FIRST AID PROCEDURES Follow good industrial hygiene practices: If splashed in the eyes, flush with water immediately for 15 minutes. If spilled on clothing, remove soiled clothing and wash skin with soap and water. Launder all contaminated clothing before reuse. If swallowed, **DO NOT** induce vomiting. Drink large quantities of water and seek medical attention. If inhaled, move to fresh air.

NOTE: This material is not known to contain any carcinogen required to be listed under the *Hazard Communication Standard* 29CFR 1910.1200 from the *National Toxicology Program* (NTP) or the *International Agency for Research on Cancer* (IARC) sources.

Section VII

PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For small spills, vacuum into waste containers or absorb with dry sand or absorbent cloth. For large spills immediately evacuate the area and shut off potential ignition sources. Only personnel equipped with proper respiratory and skin/eye protection should be permitted in the area. Dike the area to contain the spill. Take precautions as necessary to prevent contamination of ground or surface waters. Recover with a wet vacuum or absorb spilled material in sawdust or vermiculite and sweep into closed containers for disposal. After all visible traces have been removed, thoroughly wet vacuum area again. **DO NOT FLUSH INTO SEWER.**

Waste Disposal: Recovered materials may be reprocessed, or incinerated, or treated in a permitted hazardous waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. Dispose of chemical materials and/or their containers in accordance with the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, as well as any other Federal, State, or local laws and regulations regarding disposal.

Precautions to be Taken in Storage & Handling: Keep away from open flame or other ignition sources. Do not store above 120°F. Maintain adequate ventilation and keep from children. Note that some vapors are heavier than air and can displace air in low areas or confined spaces such as pits or tanks. Do not enter those areas where large quantities of vapors are suspected or collecting until exchanging the air or using special breathing apparatus with an observer present for possible assistance.

Section VIII

PERSONAL PROTECTION INFORMATION

Respiratory Protection/Ventilation: Not required for normal work situations where adequate ventilation is provided (see next section). Use NIOSH approved self-contained positive pressure respirators for emergencies and in situations where air may be displaced by vapors or in confined areas with low air exchange rates. Follow OSHA Std. 29CFR 1910.134.

Ventilation: No special requirements. Use local exhaust at filling zones and where leakage is probable. Use mechanical ventilation for storage areas. For general dilution or local exhaust maintain adequate air exchange to avoid vapor build-up. All ventilation should be designed in accordance with OSHA Std. 29CFR 1910.94.

Skin Protection: Polyethylene, Neoprene or PVC protective gloves if there is prolonged and repeated contact with skin.

Eye Protection: For normal conditions, none is required. Where there is reasonable probability of contact, wear splash-proof goggles. Contact lenses should not be worn under such conditions.

Other Protective Clothing: Safety shower and eye-wash fountain in manufacturing areas. Personal protective clothing and use of equipment must be in accordance with 29CFR 1910.132 and 29CFR 1910.133.

Work and Hygienic Practices: Do not smoke, eat or drink while using this product. Wash hands with soap and water before smoking, eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.