

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-11887

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

**SECTION I**

MANUFACTURER'S NAME <b>Hope Minerals Company</b>	EMERGENCY TELEPHONE NO. <b>(405) 452-3529</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>Re 2, Box 122A Wetumka, Oklahoma 74883</b>	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS <b>OIL PICK-UP</b>
CHEMICAL FAMILY <b>ALUMINO-SILICATE</b>	FORMULA

**SECTION II - HAZARDOUS INGREDIENTS**

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Unit)	ALLOYS AND METALLIC COATINGS	%	TLV (Unit)
PIGMENTS	0		BASE METAL	0	
CATALYST	0		ALLOYS	0	
VEHICLE	0		METALLIC COATINGS	0	
SOLVENTS	0		FILLER METAL PLUS COATING OR CORE FLUX	0	
ADDITIVES	0		OTHERS	0	
OTHERS	0				

**HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES**

	%	TLV (Unit)
<b>NONE - Product is inert and non-toxic. All chemical elements are physically bound. Typical Chemical Analysis</b>		
<b>SiO<sub>2</sub> 66 - 72%</b>		
<b>Al<sub>2</sub>O<sub>3</sub> 11 - 17%</b>		
<b>Fe<sub>2</sub>O<sub>3</sub> 2 - 4%</b>		
<b>CaO 1 - 4%</b>		
<b>K<sub>2</sub>O 1.5 - 4.7%</b>		
<b>Na<sub>2</sub>O 3 - 5%</b>		

**SECTION III - PHYSICAL DATA**

BOILING POINT (°F.)	None	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	2.2/2.4
VAPOR PRESSURE (mm Hg.)	None	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	None	EVAPORATION RATE (H <sub>2</sub> O=1)	0
SOLUBILITY IN WATER	Moderate		
APPEARANCE AND ODOR	Various shades of light grey; odorless		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Mines code)	FLAMMABLE LIMITS	Lel	Uel
<b>Will not support combustion</b>	<b>None</b>		
EXTINGUISHING MEDIA	<b>Not Applicable</b>		
SPECIAL FIRE FIGHTING PROCEDURES	<b>Not Applicable</b>		
UNUSUAL FIRE AND EXPLOSION HAZARDS	<b>Not Applicable</b>		

<b>SECTION V - HEALTH HAZARD DATA</b>	
THRESHOLD LIMIT VALUE	Not Applicable
EFFECTS OF OVEREXPOSURE	None
EMERGENCY AND FIRST AID PROCEDURES	
If product gets in eyes, treat as dust. Flush with water.	
If required, seek medical assistance.	

<b>SECTION VI - REACTIVITY DATA</b>			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	None
INCOMPATIBILITY (Materials to avoid)			
Avoid use with hydrofluoric acid			
HAZARDOUS DECOMPOSITION PRODUCTS			
None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
None	
WASTE DISPOSAL METHOD	
When adsorbing water on neutral substances, regular trash may be used. After oil and waste absorption, proper waste disposal methods should be used. Consult local/state or federal regulations.	

<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
RESPIRATORY PROTECTION (Specify type)			
None normally required			
VENTILATION	LOCAL EXHAUST	None	SPECIAL
	MECHANICAL (General)	None	None
PROTECTIVE GLOVES		None	OTHER
			None
OTHER PROTECTIVE EQUIPMENT		EYE PROTECTION	None normally required
None			

<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
None	
OTHER PRECAUTIONS	
None	