

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

Form Approved
OMB No. 44-1387

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 Hope Minerals Company	EMERGENCY TELEPHONE NO. (405) 452-3529
ADDRESS (Number, Street, City, State, and ZIP Code) Re 2, Box 122A Wetumka, Oklahoma 74883	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS OIL PICK-UP
CHEMICAL FAMILY ALUMINO-SILICATE	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)
NONE - Product is inert and non-toxic. All chemical elements are physically bound. Typical Chemical Analysis		
SiO₂ 66 - 72%		
Al₂O₃ 11 - 17%		
Fe₂O₃ 2 - 4%		
CaO 1 - 4%		
K₂O 1.5 - 4.7%		
Na₂O 3 - 5%		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	None	SPECIFIC GRAVITY (H ₂ O=1)	2.2/2.4
VAPOR PRESSURE (mm Hg.)	None	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	None	EVAPORATION RATE (H ₂ 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
Will not support combustion	None		
EXTINGUISHING MEDIA	Not Applicable		
SPECIAL FIRE FIGHTING PROCEDURES	Not Applicable		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Not Applicable		

SECTION V - HEALTH HAZARD DATA	
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.	

SECTION VI - REACTIVITY DATA			
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	

SECTION VII - SPILL OR LEAK PROCEDURES	
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.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
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		None normally required	

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
None	
OTHER PRECAUTIONS	
None	