

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 Texas Industrial Minerals Co.		EMERGENCY TELEPHONE NO. 817/375-2225
ADDRESS (Number, Street, City, State, and ZIP Code) P. O. Box 98, Kosse, Texas 76653		
CHEMICAL NAME AND SYNONYMS Hydrous Aluminum Silicate		TRADE NAME AND SYNONYMS See attachment A
CHEMICAL FAMILY Extracted Inorganic Mineral	FORMULA Al ₂ Si ₂ O ₇	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		N/A	BASE METAL		N/A
CATALYST		"	ALLOYS		"
VEHICLE		"	METALLIC COATINGS		"
SOLVENTS		"	FILLER METAL PLUS COATING OR CORE FLUX		"
ADDITIVES		"	OTHERS		"
OTHERS		"			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	2.58
VAPOR PRESSURE (mm Hg.)	"	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	"	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Pulverized or beaded--no odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	No fire or explosive hazard			
SPECIAL FIRE FIGHTING PROCEDURES	N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE See OSHA 29 CFR 1910.1000 Table Z-3	
EFFECTS OF OVEREXPOSURE Repeated inhalation of respirable free silica dust may cause delayed lung injury.	
EMERGENCY AND FIRST AID PROCEDURES N/A	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
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 Clean up by recommended dustless method (water or vacuum). Do not exceed OSHA TLV Standard 1910.1000 Table Z-3.	
WASTE DISPOSAL METHOD Any approved solid waste disposal.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) ANSI Z88.2 1969-NIOSH-BOM approved respirator		
VENTILATION	LOCAL EXHAUST ANSI Z9.2 1960 MECHANICAL (General) ACGIH Ind. Ventilation-13th Edition	SPECIAL N/A
		OTHER
PROTECTIVE GLOVES Optional	EYE PROTECTION Recommended	
OTHER PROTECTIVE EQUIPMENT As required to meet OSHA 1910.1000		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep dust exposure within TLV est. by OSHA 1910.1000	
OTHER PRECAUTIONS Practice good housekeeping, maintain ventilation system. Post warning to employees where product is used or handled.	