

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

Form Approved
OMB No. 44-11387

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 ASHEVILLE MICA COMPANY		EMERGENCY TELEPHONE NO. (704) 254-4369
ADDRESS (Number, Street, City, State, and ZIP Code) Thompson Road - Asheville, North Carolina 28803		
CHEMICAL NAME AND SYNONYMS Mica	TRADE NAME AND SYNONYMS Dry Ground Mica 325FF, 325MF, 325D,	
CHEMICAL FAMILY Silicate	FORMULA H₂ KA1₂ (Si10₄)₃	325, 160D, AMC, P-85

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES	N/A		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Muscavite Mica (CAS 12001-26-2)				100	20 MPPCF

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	2.6-3.2
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	None
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	None
SOLUBILITY IN WATER	None		
APPEARANCE AND ODOR White Powder - Odorless			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) N/A	FLAMMABLE LIMITS N/A	Lel	Uel
EXTINGUISHING MEDIA N/A			
SPECIAL FIRE FIGHTING PROCEDURES N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS Mica is non-flammable			

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SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Exposure for more than eight hours per day to 20 Mppcf (million parts per cubic foot)
EFFECTS OF OVEREXPOSURE	Primary route of entry - Inhalation. Acute: Drying of nose and throat. Chronic: over a period of years might lead to pulmonary complications.
EMERGENCY AND FIRST AID PROCEDURES	None known.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Mica is chemically inert.
	STABLE	XX	
INCOMPATIBILITY (Materials to avoid) Mica is inert.			
HAZARDOUS DECOMPOSITION PRODUCTS N/A			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	XX	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED No special methods required.	
WASTE DISPOSAL METHOD Will not burn and may extinguish incinerator fire. Landfill if necessary in accordance with all Federal, State & Local regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) Dust respiratory to maintain TLV			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	Normal to maintain TLV	None	
	MECHANICAL (General)	OTHER	N/A
	None		
PROTECTIVE GLOVES Not required		EYE PROTECTION Safety glasses	
OTHER PROTECTIVE EQUIPMENT None			

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