

MATERIAL SAFETY DATA SHEET

Siliconet #1613

SECTION I

MANUFACTURER'S NAME LaMotte Chemical Products Company		EMERGENCY TELEPHONE NO. 301-778-3100
ADDRESS (Number, Street, City, State, and ZIP Code) P. O. Box 329, Chestertown, MD 21620		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Silica Rgt. #2 Code 4698 : 4467	
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE	N/A		METALLIC COATINGS	N/A	
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Ammonium molybdate [(NH ₄) ₂ MoO ₄ ·4H ₂ O]				CAS# 12027-67-7	10
Potassium hydroxide (KOH)				CAS# 1310-58-3	2.4

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	unknown	SPECIFIC GRAVITY (H ₂ O=1)	unknown
VAPOR PRESSURE (mm Hg.)	unknown	PERCENT VOLATILE BY VOLUME (%)	unknown
VAPOR DENSITY (AIR=1)	unknown	EVAPORATION RATE (_____ =1)	unknown
SOLUBILITY IN WATER	soluble		
APPEARANCE AND ODOR clear or slightly cloudy, colorless liquid			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES Not a Fire Hazard			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	unknown
EFFECTS OF OVEREXPOSURE	causes skin irritation; harmful if swallowed
EMERGENCY AND FIRST AID PROCEDURES	
eye contact - flush thoroughly with water for 15 min.; consult a physician	
external - flush with water; remove affected clothing & flush skin thoroughly	
internal - rinse mouth; drink water; consult a physician	

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

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Neutralize with weak acid. Mop up. Wash down drain with excess water.	
WASTE DISPOSAL METHOD	
Neutralize with weak acid. Pour down drain with excess water.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
none		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	plastic gloves	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	lab coat	goggles

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	
Protect against physical damage. Store in well closed container out of direct light. Avoid prolonged or repeated contact with skin or clothing.	
OTHER PRECAUTIONS	