

MATERIAL SAFETY DATA SHEET

Document 0297A
Replaces SS-3L

Cautionary Code 91

SECTION I – IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME: Paul M Wolff Co	SALES NAME: SHUR-SEAL
ADDRESS: 460 North Geneva Rd Lindon, UT 84042	CHEMICAL NAME: Contains Silicic Acid, Sodium Salt*
EMERGENCY PHONE: (877) 974-0630	TSCA CAS REGISTRY NO. 1344-09-8
INFORMATION PHONE: (877) 974-0630	DOT HAZARD CLASS: N.A.
	DOT SHIPPING NAME: N.A.

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	OSHA PEL	ACGIH TLV	CAS	%wt
SILICIC ACID, SODIUM SALT*	NONE ASSIGNED	NONE ASSIGNED	1344-09-8	≤20%

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE (°F, NONAQUEOUS LIQUIDS ONLY): N.A.	SPECIFIC GRAVITY (LIQUIDS ONLY): 1.3 – 1.5
VAPOR PRESURE (MM Hg AT °F, NONAQUEOUS LIQUIDS ONLY): N.A.	V.O.C. LEVEL: 0
VAPOR DENSITY (AIR =1): N.A.	SOLUBILITY IN WATER: COMPLETE
EVAPORATION RATE (BUTYL ACETATE = 100, NONAQUEOUS LIQUIDS ONLY): N.A.	pH (AQUEOUS LIQUIDS ONLY): 11 TO 13
APPEARANCE AN ODOR: VISCOUS LIQUID. COLORLESS TO HAZY. ODORLESS.	
SOILDS CONTENT (SOLUTIONS DESPERSIONS, OR PASTE ONLY): WITHIN A RANGE OF 30 – 54% BY WEIGHT.	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F): N.A.

FLAMMABLE LIMITS (VAPOR IN AIR, VOL.%): N.A.

EXTINGUISHING MEDIA: N.A.

SPECIAL FIRE FIGHTING PROCEDURES: SPECIAL CLOTHING FOR SKIN AND EYE PROTECTION SHOULD BE WORN.

SECTION V – REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: FLAMMABLE HYDROGEN GAS MAY BE PRODUCED ON PROLONGED CONTACT WITH METALS SUCH AS ALUMINUM, TIN, LEAD, AND ZINC.

INCOMPATIBILITY (MATERIALS TO AVOID): GELS WHEN MIXED WITH ACID.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: HYDROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VI – HEALTH HAZARD DATA AND FIRST AID INFORMATION

POTENTIAL EFFECTS OF EXPOSURE (LISTED BY PRIMARY ROUTES OF ENTRY):

- **INHALATION:** EXPOSURE TO MISTS OR SPRAY MAY CAUSE COUGHING, SNEEZING, OR OTHER SYMPTOMS OF UPPER RESPIRATORY TRACT IRRITATION. SEVERE EXPOSURE MAY RESULT IN LUNG TISSUE DAMAGE.
- **SKIN:** WILL CAUSE SEVERE IRRITATION ON CONTINUED CONTACT.
- **INGESTION:** IRRITATION TO MUCOUS MEMBRANES OF THE MOUTH, THROAT, ESOPHAGUS AND STOMACH.
- **EYE CONTACT:** CAN CAUSE SEVERE IRRITATION IF NOT TREATED.

EMERGENCY & FIRST AID PROCEDURES:

- **INHALATION:** IF SYMPTOMS ARE PRESENT, GET PERSON OUT OF AREA TO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION.
- **SKIN:** WASH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE SOILED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE. FOOTWEAR SHOULD BE CLEANED BEFORE REUSE. SEEK IMMEDIATE MEDICAL ATTENTION IF SYMPTOMS ARE PRESENT.
- **INGESTION:** NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OF MILK, IF AVAILABLE. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. SEEK IMMEDIATE MEDICAL ATTENTION.
- **EYE CONTACT:** OBJECT IS TO FLUSH MATERIAL OUT IMMEDIATELY, AND THEN SEEK IMMEDIATE MEDICAL ATTENTION. IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST SEVERAL MINUTES HOLDING LIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING EYES 1 MINUTE IS ESSENTIAL. SEEK IMMEDIATE MEDICAL ATTENTION.

CARCINOGENICITY: OSHA: NO NTP: NO IARC: NO

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

IF A MATERIAL IS SPILLED OR RELEASED, CONTAIN LIQUIDS AND PREVENT DISCHARGES TO STREAMS OR SEWER SYSTEMS. FOR QUANTITIES OVER 100 GAL. ISOLATE, DIKE AND STORE DISCHARGED MATERIAL, IF POSSIBLE. OTHERWISE DISPERSE AND FLUSH WITH WATER. OBSERVE ENVIRONMENTAL PROTECTION REGULATIONS.

WASTE DISPOSAL METHOD:

CLEAN UP ACTION SHOULD BE CAREFULLY PLANNED AND EXECUTED. SHIPMENT, STORAGE, AND/OR DISPOSAL OF WASTE MATERIALS ARE REGULATED AND ACTION TO HANDLE SPILLED OR RELEASED MATERIALS MUST MEET THE APPLICABLE RULE. FOR QUANTITIES OVER 100 GAL. NEUTRALIZE WITH DILUTE ACID AND LANDFILL SOLIDS ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS. FLUSH NEUTRAL LIQUID SEWER WITH PLENTY OF WATER. IF ANY QUESTIONS EXIST, CONTACT THE APPROPRIATE AGENCIES.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

SHOWER AND EYEWASH FACILITIES SHOULD BE ACCESSIBLE. KEEP MATERIAL FROM FREEZING.

OTHER PRECAUTIONS:

KEEP DRUMS CLOSED TIGHTLY AND IN AN UPRIGHT POSITION. KEEP MATERIAL FROM FREEZING. FLOORS MAY BECOME SLIPPERY WHEN WET WITH SHUR-CURE.

SECTION VIII – SPECIAL CONTROL/PROTECTION MEASURES

RESPIRATORY PROTECTION

USE ADEQUATE VENTILATION WHEN USING THIS PRODUCT. IF THE EXPOSURE LIMITS IN SECTION II ARE EXCEEDED A NIOSH APPROVED MASK WITH ORGANIC VAPOR CARTRIDGE MUST BE USED.

VENTILATION

LOCAL AND MECHANICAL EXHAUST IS RECOMMENDED.

PROTECTIVE GLOVES

NEOPRENE OR RUBBER.

EYE PROTECTION

SAFETY GOGGLES WITH SIDE SHIELDS AND/OR FACE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

LONG SLEEVED AND LONG LEGGED CLOTHING. STANDARD WORK SHOES. SAFETY SHOWER AND EYEWASH FOUNTAIN SHOULD BE WITHIN DIRECT ACCESS OR OTHER SAFE WATER SOURCE FOR SIMILAR PURPOSE.

WORK/HYGIENIC PRACTICES:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING/SHOES. WASH CONTAMINATED CLOTHING/SHOES THOROUGHLY AND DRY BEFORE REUSE.

SECTION IX – PREPARATION AND SUPPLEMENTAL INFORMATION

MSDS PREPARATION DATE: 18 SEPTEMBER 2009

SUPERCEDES MSDS DATED:

DISCLAIMER

ALL INFORMATION APPEARING HEREIN IS BASED UPON DATA OBTAINED FROM THE MANUFACTURER OF THE MATERIALS IN THIS PRODUCT OR RECOGNIZED TECHNICAL SOURCES. WHILE THE INFORMATION IS BELIEVED TO BE ACCURATE, PAUL M WOLFF CO MAKES NO REPRESENTATIONS AS TO ITS ACCURACY OR SUFFICIENCY. THE CONDITIONS OF USE ARE BEYOND PAUL M WOLFF CO'S CONTROL AND THEREFORE USERS ARE RESPONSIBLE TO VERIFY THE EXPOSURE AT THE POINT OF USE AND THE USER ASSUMES ALL RISKS OF THE USE, HANDLING AND DISPOSAL OF THIS MATERIAL. THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY OTHER PROCESS.

N.A. = NOT APPLICABLE

* = INCLUDES OTHER HAZARD CLASSES, TO WHICH DIFFERENT SAFETY DATA SHEETS APPLY.