

# MATERIAL SAFETY DATA SHEET

APPROVED BY U.S. DEPARTMENT OF LABOR  
"ESSENTIALLY SIMILAR TO FORM OSHA-20"

## SECTION I

MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.
CHEMICAL COMPOUNDING CO. 791 66TH AVE. OAKLAND, CA 94621		510-430-2792
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS
SODIUM SALT of SILICIC ACID		PYROSIL
CHEMICAL FAMILY	FORMULA	
SODIUM SILICATE SOLUTION	SODIUM SILICATE SOLUTION SUGAR	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES AND SOLVENTS	%	TLV (UNITS)	ALLOYS AND METAL COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
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)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.3- 1.4
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1)	NA
SOLUBILITY IN WATER	COMPLETE	pH	11 - 13
APPEARANCE AND ODOR	VISCIOUS LIQUID, COLORLESS TO HAZY. ODORLESS.		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	NA	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	NA			
SPECIAL FIRE FIGHTING PROCEDURES	NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NA			

(continued on reverse side)

**EFFECTS OF OVEREXPOSURE****EYE CONTACT CAUSES IRRITATION. SKIN CONTACT CAUSES IRRITATION, BREATHING****SPRAYED MIST CAN CAUSE RESPIRATORY TRACT DAMAGE.****EMERGENCY AND FIRST AID PROCEDURES****EYES: IN CASE OF CONTACT IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN.****SKIN: WASH OFF WITH LOTS OF WATER. CLOTHING: WASH CONTAMINATED CLOTHES BEFORE RE USE.****SECTION VI - REACTIVITY DATA**

STABILITY	UNSTABLE	XXX	CONDITIONS TO AVOID DUE TO HIGH ALKALINITY, FLAMMABLE HYDROGEN GAS MAY BE PRODUCED ON PROLONGED CONTACT WITH METALS SUCH AS ALUMINUM, TIN AND LEAD.
	STABLE		

**INCOMPATIBILITY (MATERIALS TO AVOID): AVOID CONTACT WITH ACIDS AS GELLING WILL OCCUR.****HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN**

HAZARDOUS POLYMERIZATION	MAY OCCUR	XXX	CONDITIONS TO AVOID
	WILL NOT OCCUR		

**SECTION VII - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED****SMALL QUANTITIES, LESS THEN 100 GALS. MOP UP AND FLUSH TO SEWER.****LARGE QUANTITIES, ISOLATE BY DIKING. COLLECT AND STORE. DISPERSE REMAINS WITH WATER AND FLUSH TO SEWER.****WASTE DISPOSAL METHOD****SMALL QUANTITIES, LESS THEN 100 GALS. FLUSH TO SEWER WITH PLENTY OF WATER.****LARGE QUANTITIES, NEUTRALIZE WITH DILUTE ACID AND COLLECT FOR LANDFILL DUMP.****FLUSH NEUTRAL WATER TO SEWER WITH PLENTY OF WATER.****SECTION VIII - SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION (SPECIFY TYPE)****NIOSH MIST RESPIRATOR WHERE SPRAY MIST OCCURS.**

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL)	

**PROTECTIVE GLOVES****RUBBER, WHERE CONTACT IS LIKELY.****EYE PROTECTION****CHEMICAL GOGGLES OR FACE SHIELD.****OTHER PROTECTIVE EQUIPMENT****SAFETY SHOWER AND EYEWASH FOUNTAIN SHOULD BE READILY ACCESSABLE.****SECTION IX - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING****AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE SPRAY MIST.****OTHER PRECAUTIONS**

THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND. EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE INDEPENDENT DETERMINATIONS OF SUITABILITY AND COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ASSURE PROPER USE OF THESE MATERIALS AND THE SAFETY AND HEALTH OF EMPLOYEES.