

MATERIAL SAFETY DATA SHEET

Information Phone # 1-800 728 1958
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EMERGENCY PHONE #: 1-800 535-5053

Universal Building Products Inc.
840 South 25th Avenue
Bellwood, IL 60104

SECTION I PRODUCT IDENTIFICATION

Trade Name	<i>Cure Hard</i>		
Chemical Family	Sodium Silicates		
NFPA Ratings (Hazard ID)	Health 1	Fire 0	Reactivity 0
HMS Ratings (Hazard ID)	Health 1	Fire 0	Reactivity 0
Warning! Irritant to skin, eyes. Hazardous when swallow. When spill may create slipping hazard			

SECTION II INGREDIENTS, LIMITS AND TOXICOLOGICAL INFORMATIONS

INGREDIENT	Silic Acid Sodium Salt			
CAS#	134-09-8			
ACGIH TLV/TWA	NA			
ACGIH TLV/STEL	NA			
OSHA PEL/TWA	NA			
OSHA PEL/STEL	NA			
LD50, Oral	NA			
LD 50, Dermal	NA			
LD 50, Inhalation	NA			
PCT BY WT:	10-20			

SECTION III PHYSICAL DATA

Physical State	LIQUID	Specific Gravity	1.128
Appearance	Colorless or red	VOC, Calculated	NA
Odor	None to slightly soap	pH	12
Boiling Range	214-216 °F	Freezing Point	32° F
Vapor Pressure	NA	Water Solubility	100%

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Lowest Closed Cup Flashpoint	NA
OSHA Flammability Classification	NA
Lower Flammable Limit in Air	NA
Flash Points	Non combustible
Mechanical Impact Explosion	NA
Static Electricity Explosion	NA
EXTINGUISHING MEDIA	Non required

UNUSUAL FIRE AND EXPLOSION HAZARDS:

KEEP CONTAINER TIGHTLY CLOSED AND ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY)

SPECIAL FIRE FIGHTING PROCEDURES:

FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

SECTION V HEALTH HAZARD DATA		
EFFECTS OF EXCESSIVE OVEREXPOSURE-PRIMARY ROUTES OF ENTRY ARE:		
PRIMARY ROUTE(S) OF ENTRY:		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INHALATION	SKIN	INGESTION
SKIN CONTACT: IRRITATION.		
INHALATION: NA		
INGESTION: DRINK A LOT OF WATER, IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.		
MEDICAL CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT: NA		
EMERGENCY AND FIRST AID PROCEDURES: IN CASE IF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION; FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPORS OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.		
OTHER HEALTH HAZARDS: NA		
SECTION VI REACTIVITY DATA		
STABILITY: STABLE HAZARDOUS POLYMERIZATION: NONE UNDER NORMAL CONDITIONS.		
CONDITIONS TO AVOID: ELEVATED TEMPERATURES		
INCOMPATIBILITY (MATERIAL TO AVOID): STRONG ACIDS AND STRONG OXIDIZING AGENTS. IF THIS PRODUCT IS NOT WATER REDUCIBLE, AVOID WATER.		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION OR COMBUSTION CAN PRODUCE FUMES CONTAINING ORGANIC ACIDS, CARBON DIOXIDE AND CARBON MONOXIDE.		
SECTION VII SPILL OR LEAK PROCEDURES		
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: USE WATER ABSORPTION MATERIAL. DON'T ALLOW TO DRY – REMOVE IMMEDIATELY		
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. INCINERATE IN APPROVED FACILITY		
SECTION VIII SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION: DON'T BREATHE VAPORS. WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING USE OF THIS PRODUCT UNTIL VAPORS ARE EXHAUSTED, UNLESS AIR MONITORING DEMONSTRATES VAPOR LEVELS ARE BELOW APPLICABLE LIMITS FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. OBSERVE OSHA STANDARD 29CFR 1910.134.		
VENTILATION: PROVIDE GENERAL CLEAN AIR DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW THE LOWER EXPLOSION LIMIT AND BELOW CURRENT APPLICABLE EXPOSURE LIMITS. REFER TO OSHA STANDARD 1910.94.		
PROTECTIVE GLOVES: USE SOLVENT IMPERMEABLE GLOVES TO AVOID CONTACT WITH PRODUCT.		
EYE PROTECTION: DO NOT GET IN EYES. USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES, FACE SHIELDS.		
OTHER PROTECTIVE EQUIPMENT: DO NOT GET ON SKIN. USE IMPERMEABLE PROTECTIVE CLOTHING. PREVENT SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED CLOTHING. WASH BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED SHOES. EYE BATH AND SAFETY SHOWER SHOULD BE AVAILABLE.		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
 DO NOT PRESURIZE, CUT, WELD, GRIND. DO NOT STORE ABOVE 120 °F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINERS CLOSED WHEN HOT IN USE AND UPRIGHT TO PREVENT LEAKAGE.

OTHER PRECAUTIONS:
 DO NOT TAKE INTERNALLY. WASH HANDS AFTER USING AND BEFORE SMOKING OR EATING. EMPTIED CONTAINERS MAY RETAIN HAZARDOUS RESIDUE AND EXPLOSIVE VAPORS. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND STATIC ELECTRICITY. DON'T CUT OR WELD ON OR NEAR EMPTIED CONTAINERS. FOLLOW ALL HAZARD PRECAUTIONS GIVEN IN THIS SHEET UNTILL CONTAINER IS THOROUGHLY CLEANED OR DESTROYED.

SECTION X SARA TITLE III INFORMATION

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: N/A

NAME					
CAS#					
PC. WEIGHT					

SECTION XI D.O.T. REGULATIONS (TRANSPORTATION)

Hazard class	NA
ID number	NA
Packing Group	III
Proper shipping name	<i>Not Regulated by DOT</i>
Label	NA
US Domestic Ground Shipments	<i>Not Regulated by DOT</i>
US Domestic Ground Shipments Non Bulk (in containers 119 gal or less)	<i>Not Regulated by DOT</i>
Cross Border transport (ADR/RID)	<i>Not Regulated by DOT</i>
ADR/RID class	
Danger code (Kemler)	
UN number	
Packing group	
Description	
Marine transport (IMDG)	<i>N/A</i>
IMDG class	
UN number	
Label	
Packing group	
EMS Number	
Marine pollutant	
Proper shipping name	
Air transport (ICAO-TI and IATA-DGR)	<i>N/A</i>
ICAO/IATA class	
UN number	
Label	
Packing group	
Proper shipping name	

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