



Solidification Products International

P.O. Box 35, 215 Village Street, Northford, CT 06472

Phone (203) 484-9494 Fax (203) 484-9492

Material Safety Data Sheet		U.S. Department of Labor			
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.		Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072			
IDENTITY (as Used on Label and List) SPI WaterBond		Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.			
Section I					
Manufacturer's name Solidification Products International		Emergency Telephone Number 203-484-9494			
Address (Number, Street, City, State and ZIP Code) P.O. Box 35		Telephone Number for Information 203-484-9494			
215 Village Street		Date Prepared January 7, 2015			
Northford, CT 06472		Signature of Preparer (optional)			
Section II—Hazardous Ingredients/Identity Information					
Hazardous Components (Specific Chemical Identity, Common Name(s))		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Chemical Family: Copolymer of Sodium acrylate and acrylamide.					
Description: White, free flowing powder with little or no odor.					
This product is not hazardous as defined in 29CFR1910.1200					
Section III—Physical/Chemical Characteristics					
Boiling Point NA		Specific Gravity (H ₂ O = 1) 0.8-1.0			
Vapor Pressure (mm Hg) NA		Melting Point NA			
Vapor Density (AIR = 1) NA		Evaporation Rate (Butyl Acetate = 1) NA			
Solubility in Water Soluble					
Appearance and Odor White, free flowing powder with little or no odor					
Section IV—Fire and Explosion Hazard Data					
Flash Point (Method Used) NA		Flammable Limits NA	LEL NA	UEL NA	
Extinguishing Media Carbon dioxide, dry chemical or foam.					
Special Fire Fighting Procedures No special procedures. However, wetted product presents a slip hazard. Pedestrian and vehicular traffic must proceed with caution where wet product may exist.					
Unusual Fire and Explosion Hazards Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting, and eliminate open flame and other sources or ignition.					
Section V—Reactivity Data					
Stability Stable		Unstable NA	Conditions to Avoid		
Incompatibility (Materials to Avoid) Strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen, and sodium or calcium hypochlorite.					
Hazardous Decomposition or Byproducts Thermal decomposition or combustion may produce oxides of carbon and nitrogen, various hydrocarbons, and/or ammonia					

Hazardous Polymerization Will not occur.	May Occur NA	Conditions to Avoid
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Section VI—Health Hazard Data	
<p>Nature of Principal Hazard(s): NA (not a health hazard as defined by OSHA) Target Organ(s): NA Signs, Symptoms, and Effects of Exposure: Eye contact may product slight irritation and/or redness. Inhaled dust may cause some respiratory irritation.</p> <p>Carcinogenicity: Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH</p> <p>Exposure Limits (as particulates not otherwise regulated): The OSHA 8-hour TWA for total dust is 15 mg/cu-meter (5 mg/cu-meter for the respirable fraction). The ACGIH TLV-TWA is 10/mg cu-meter.</p> <p>Safety Precautions: Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Avoid prolonged or repeated inhalation of dust. Avoid prolonged or repeated skin contact. Caution – slip hazard – see sections IV and/or VII.</p> <p>First Aid: Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician Ingestion: Consult a physician. Never give anything by mouth to an unconscious person. Skin Contact: Remove contaminated clothing and launder before reuse. Wash effected area with soap and water. Inhalation: Remove to fresh air.</p>	
Section VII—Precautions for Safe Handling and Use	
Steps to Be Taken in Case Material Is Released or Spilled	
<p>Product becomes slippery and difficult to handle when wet/ spills are best handled while still dry. Sweep up and collect dry product. Absorb wet product with vermiculite or other inert material. Then water wash area to waste treatment to eliminate slip hazard.</p>	
Waste Disposal Method	
<p>Disposal must be arranged in accordance with local, state, and federal regulations. This material, when unadulterated, is not a RCRA regulated hazardous waste. However, local disposal regulations will often apply. Care must be taken to prevent environmental contamination from the disposal of material, residues and containers.</p>	
Precautions to Be Taken in Handling and Storing	
Section VII—Control Measures	
Respiratory Protection (<i>Specify Type</i>) Use a NIOSH approved dust respirator if exposure exceeds TLV. Follow the ANSI Z88.2 standard.	
Ventilation Local Exhaust	
Mechanical (<i>General</i>) Provide mechanical ventilation to prevent dust concentrations, and to reduce potential exposure	
Protective Gloves Not normally required	Eye Protection Goggles (ANSI Z87.1 std; safety glasses alone do not protect from dust).
Work/Hygienic Practices	
<p>Good personal hygiene practices can reduce potential exposure. Wash with soap and water following any contact with this product, as well as before breaks and meals. Shower and Change clothing at end of work shift. If clothing becomes contaminated, remove and launder or dry-clean before re-use.</p>	