

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTIFIER		ECI – Ceramic InsulCoat R:E	
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SECTION I	MATERIAL IDENTIFICATION AND USE		
C.A.S. Number	Mixture	Chemical Family	Synthetic Polymer In Water
Molecular Weight	Not Applicable/Polymer		Non-hazardous ingredients
Material Use	Coatings	Chemical Formula	Not Applicable
SECTION II	INGREDIENTS		
Ingredients	Modified Acrylic Polymer	C.A.S. Number	Proprietary (non-hazardous)
Maximum Content	65%	Exposure Limits	None Assigned
SECTION III	PHYSICAL DATA		
Boiling Point	>100° C	Freezing Point	Approximately 0° C
Vapor Density	Heavier Than Air	Solubility In Water	Slower than N—Butyl Acetate
Odor Threshold	Not Available	Co-efficient Water/Oil Distribution	Not Applicable
SECTION IV	FIRE AND EXPLOSION HAZARD DATA		
Flammability	No	Means of Extinction	Not Applicable
Special Procedure	Aqueous solutions are not combustible and present a low fire hazard	Flashpoint (° C) and Method	None
Upper Explosion Limit (%) by Volume	Not Applicable	Lower Explosion Limit	Not Applicable
Auto-ignition Temperature (° C)	Not Applicable	Hazardous Combustion Products	Not Applicable
Explosion Data	Not Applicable	Rate of Burning	Not Applicable
Explosive Power	Not Applicable	Sensitivity to Static Charge	Not Applicable
SECTION V	TOXICOLOGICAL PROPERTIES		
Inhalation	Excessive exposure to vapor or spray mists may cause irritation of eyes, nose and throat		
Eye Contact	This material may be an eye irritant		
Skin Contact	This material may cause skin irritation or rash upon prolonged or repeated contact		
Ingestion	Stomach pain		
SECTION VI	FIRST AID MEASURES		
Inhalation	Remove source of contamination or move victim to fresh air. If symptoms persist, obtain medical attention immediately.		
Eye Contact	Immediately flush eyes with lukewarm, gently flowing water for at least twenty (20) minutes holding eyelids open. Obtain medical attention immediately.		
Skin Contact	Wash gently and thoroughly with warm water and a non-abrasive soap. If irritation persists, obtain medical attention immediately.		
Ingestion	Contact a physician immediately.		
SECTION VII	REACTIVITY DATA		
Stability	Stable	Hazardous Polymerization	Will not occur
Incompatibility	None known	Conditions to Avoid	Keep from freezing
Hazardous decomposition Products	Under severe thermal degradation, low molecular weight organic compounds will be formed		
SECTION VIII	PREVENTATIVE MEASURES		
Spill and Leak Procedures	Clean up with water before allowing to dry. Sodium Chloride can be used on the spill, which may coagulate the acrylic and facilitate cleaning with water. Place coagulated waste in a closed container. Wear adequate protective equipment during clean up. Flush area with water.		
SECTION IX	PERSONAL PROTECTIVE EQUIPMENT		
Respiratory Protection	A respirator may be required during normal use and handling. If respiratory protection is required, institute a complete respiratory protection program. Refer to C.S.A. standard Z94.4M 1982 "Care and Use of Respirators".		