

MATERIAL SAFETY DATA SHEET

Issued: January 1, 2007

Material Trade Name: Anti-Stress 550; Anti-Stress 2000; Anti-Stress Dip

Manufacturer: Polymer Ag, LLC
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TSCA Status: Components are listed in the EPA Inventory.
CAS Number: Mixture

SECTION I: PRODUCT IDENTIFICATION

Chemical Family: Acrylic Copolymer

Active Ingredients: Acrylic Polymer

Additives: Water

SECTION II: HAZARDOUS INGREDIENTS

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40CFR372 at or above **de minimus** amounts.

SECTION III: PHYSICAL DATA

Form: Liquid

Boiling Point: 212° F (100° C)

Freezing Point: 32° F (0° C)

Specific Gravity: 1.07

pH: 7.0 – 8.0

Solubility in Water: Dilutable

Vapor Pressure: 17 mm Hg (water)

Percent of Volatile by Weight: 56% (Water) Concentrate / 98% Ready-To-Use

Appearance: White to Cream colored

Odor: Slight Acrylate Odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Applicable (Water Solution)

Extinguishing Media: None

Specific Fire Fighting Procedures: None

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	None Established
Carcinogenic Status:	Products not listed by IARC, NTP or OSHA
Effects of Over Exposure:	Routes of Entry: Skin/Eye contact or inhalation. Liquid contact may cause eye or skin irritation. Vapors may cause eye and respiratory irritation. No medical conditions are known to be aggravated by exposure.
Emergency and First Aid Procedures:	
Eye Contact:	Flush with water for five (5) minutes. See a physician.
Skin Contact:	Remove contaminated clothing. Wash affected area with soap and water.
Ingestion:	Dilute by drinking water or milk. Induce vomiting. See a physician.

SECTION VI: REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	CO, CO ₂ , Oxides of Nitrogen and small amounts of aromatic and aliphatic hydrocarbons will occur from burning of dry polymers.
Incompatibility (materials to avoid):	Reacts with strong oxidizing agents as hydrogen peroxide, permanganates and perchlorates. Depending on amounts mixed, can result in intense heat, boiling, explosion of toxic gas generation.

SECTION VII: SPILL OR LEAK PROCEDURES

Wash the spill area with soap and water.

CAUTION: Spilled polymer is very slippery and will leave a film when dry if not thoroughly cleaned.

Laundry contaminated clothing immediately before polymer dries to prevent staining.

Waste disposal method: Dispose of waste in accordance with Federal, State and local regulations. (A liquid with a pH range between 2.0 and 12.5 is not defined as hazardous).

This product is not considered a hazardous waste under current Federal RCRA requirements. Liquid should not be disposed in landfill. Polymer should be coagulated by adding alum. Liquid may be discharged to appropriate landfill or public treatment works. Solids may be incinerated or sent to an appropriate landfill. Whole product may be incinerated.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Ventilation:	Local exhaust to draw mist, fumes and vapors away from workers.
Respiratory:	Normally none required.
Eye Protection:	Safety goggles, if splashing occurs.
Special Protective Equipment:	Gloves suitable for use in water and chemically resistant should be worn when contact is expected.
Clothing:	Wear protective clothing that may be destroyed. If good clothing is accidentally splashed, was immediately to avoid permanent staining.

SECTION VI: SPECIAL PRECAUTIONS

Ventilate area.
Wash thoroughly after handling product.
Avoid eye and skin contact.
Avoid freezing.
Store above 40° F (5° C)

SECTION X: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

	ACGIH - TWA	ACGIH - STEL	OSHA – TWA	OSHA - STEL
Polymer/Solids	N/E	N/E	N/E	N/E
Water:	N/E	N/E	N/E	N/E

SECTION XI: TRANSPORTATION

Domestic Transportation (USA):	Not regulated
International Transportation:	Not regulated

Legend:

ACGIH:	American Conference of Governmental Industrial Hygienists
TWA:	Time weighted average (15 minutes)
STEL:	Short Term Exposure Limits
OSHA:	Occupational Safety and Health Administration
N/E:	Non Established
IRAC:	International Agency for Research on Cancer
NTP:	National Toxicology Program