

Material Safety Data Sheet



Section 1: Product Information

Manufacturer's Name / Address: Floritec Polytech, Inc. 1400 S. Geronimo Ave. Parker, AZ 85344	Trade Name: Chemical Family:	MT-200 Liquid Polymer Polymer Dispersion
Info. Phone: (928) 669-1680	Intended Use:	Decorative Concrete Topping
Emergency Phone: 1-800-424-9300 CHEMTREC 24 Hours		

Section 2: Hazards Identification

Likely Routes of Exposure: ☒ Eye ☒ Inhalation ☒ Skin Contact ☒ Ingestion

Overexposure Effects (organs or systems targeted or affected): None Known

Potential Health Effects (acute and chronic)

Chronic: Irritation of eyes, skin and pulmonary tract, including red and watering eyes, skin rash and difficulty breathing.

Acute

Eyes: Mild to moderate eye irritation

Skin Contact: Mild to moderate skin irritation

Skin Absorption: Not absorbed

Inhalation: Vapors or spray mist may cause mild to moderate irritation of mouth, nose throat and pulmonary tract

Ingestion: May cause moderate to severe gastrointestinal disturbances

Section 3: Hazardous Ingredients

No.	Hazardous Component	CAS #	% of Total
1	Vinyl Acetate/ethylene copolymer	24937-78-8	25 - 40%
2			
3			
4			
5			
6			
7			
8			
9			

NA = Not Applicable

ND = No Data

NE = Not Established

NL = Not Listed

NR = Not Required

Release Date: October 5, 2007

Supersedes Date: May 7, 2005

Page 1 of 5

Section 4: First Aid Measures

General: Move person to an area free from further exposure. If unconscious seek emergency medical assistance immediately. Treat symptomatically. NEVER ATTEMPT TO GIVE ANYTHING BY MOUTH TO A PERSON WHO IS UNCONSCIOUS.

Eyes: Flush with running water for 15 minutes while holding eyes open. Flush under eyelids to clear any trapped debris. Seek medical attention immediately.

Skin: Remove contaminated clothing immediately. Wash affected areas thoroughly with soap and water removing all material. Do not use clothing again until properly laundered. Dispose of if required. Seek medical attention if symptoms arise or persist.

Inhalation: Remove affected person from further risk of exposure and seek medical assistance immediately. Administer oxygen or artificial respiration as needed.

Ingestion: DO NOT INDUCE VOMITING! Seek medical attention immediately. *Never induce vomiting or give liquid to an unconscious person.*

Section 5: Fire Fighting Measures

Hazardous Combustion Products:	Product as distributed is non-combustible. When dried polymer burns producing water, carbon dioxide, carbon monoxide and smoke.
Extinguishing Media:	Product will only burn after water it contains is driven off so use media appropriate for surrounding fire.
Special Firefighting Procedures:	Spilled polymer is slippery, use caution to maintain footing
Unusual Fire and Explosion Hazards:	Excessive heat may cause containers to erupt violently due to steam build up

Section 6: Accidental Release Measures

General: Clear all non-essential personnel from spill area. If indoors ventilate the area. Remove all sources of ignition. Provide cleanup personnel with proper protective equipment such as gloves, eyewear, protective clothing and breathing equipment as required.

Cleanup of Small Spills: Dike or impound material to prevent spreading and prevent further spillage if possible. Cover spill with appropriate absorbent material. Collect material in appropriate container or vessel. Remove containers to safe area and cover to await reclamation or disposal. Area may be rinsed with water but do not allow it to be flushed into sewers or natural waterways.

Cleanup of Large Spills: Contain material as above and contact local fire or police department for immediate emergency response.

Section 7: Handling and Storage

Safe Storage Considerations: Store in cool, dry, ventilated conditions. Do not allow material to freeze. Keep away from points of ignition and avoid excessive heat. Keep containers tightly sealed when not in use.

Safe Handling Considerations: Use proper workplace hygiene practices. Keep work areas clear and uncluttered. Use personal protective equipment when required as specified in Section 8. Spilled polymer is slippery; clean up spills immediately.

Section 8: Exposure Controls/Personal Protection

No.	Hazardous Component	OSHA PEL (TWA)	ACGIH TLV (TWA)
1	Vinyl Acetate/ethylene copolymer	NE	NE
2			
3			
4			
5			
6			
7			
8			
9			

Respiratory Protection: If necessary use a NIOSH approved air purifying respirator appropriate to keep breathing air below the acknowledged exposure limits.

Skin Protection: Wear chemical resistant clothing such as gloves, apron, boots or full coverage suits as appropriate.

Eye Protection: Full coverage safety glasses; chemical goggles or full-face shield may be substituted. Contact lenses should not be worn.

Eye Wash & Shower Station Requirements: Should be locally accessible and properly maintained.

Other Protective Equipment (glove box, ventilation, etc.): Sufficient local exhaust and ventilation as required to keep airborne concentrations safely below the acknowledged exposure limits.

Section 9: Physical and Chemical Characteristics

Boiling Point (°C):	>100 °C	Specific Gravity:	ND
Vapor Pressure:	18.85mmHg @ 21 °C	Melting Point:	NA
Vapor Density:(Air = 1)	1.07 g/cm ³ @ 21 °C	Evaporation Rate:(Butyl Acetate=1)	NE
Solubility in Water:	Dispersible	pH:	4.5
Freezing Point	< 0 °C	Flash Point (°C):	NA
Coefficient of Oil/ Water Distribution:	NE	Conditions of Flammability:	NON-FLAMMABLE
Odor Threshold:	NE	Autoignition Temperature (°C):	NA
Physical State:	Liquid	Explosion Limits: vol.% in air	LEL: NA UEL: NA
Appearance: (odor, color, etc.)	White, with sweet odor	VOC Content (g/l):	0 g/l

Section 10: Stability/Reactivity

Chemical Stability: ☒ Stable under normal conditions ☐ Unstable

Conditions to Avoid: None known

Incompatibility (materials to avoid): None known

Hazardous Decomposition Products: Monomer, carbon dioxide, carbon monoxide, aldehydes, acetic acid

Hazardous Polymerization (reactivity): ☐ Will Occur ☒ Will Not Occur

Section 11: Toxicological Information

Acute and Chronic Toxicity: Data may exist for ingredients previously listed but may or may not apply to this product for amounts contained as a percentage of weight or volume. It is advised that information sources for individual ingredients be consulted for accurate and precise data.

Listed as Carcinogen/Potential Carcinogen: This product is not known to be carcinogenic, however some ingredients may be listed by one or more of the agencies below as shown.

NTP (National Toxicology Program): Not Listed

OSHA (Occupational Health & Safety Administration): Not Listed

IARC (International Agency for Research on Cancer): Not Listed

Reproductive Effects: None Known

Developmental Effects: None Known

Section 12: Ecological Information

Ecotoxicity (effects on plants and animals): No data is available on the product itself.

Environmental Fate of Material: No data is available on the product itself.

Section 13: Disposal Considerations

Appropriate Waste Disposal Methods: Consult your local, state or provincial and federal regulations before disposing of any chemicals. Dispose of in accordance with all applicable regulations with regard to precedence.

Section 14: Transport Information

U.S. Department of Transportation (US DOT)

- **Proper Shipping Name:** Not Regulated
- **Hazard Class:** NA
- **UN Number:** NA
- **Packing Group:** NA

TDG (Canadian Ground): See US DOT

IMDG (Water): See US DOT

ICAO (Air): See US DOT

Section 15: Regulatory Information

GLOBAL INVENTORIES

TSCA (USA; Toxic Substance Control Act): All ingredients are listed, exempt, or listed under trade secret classification

DSL (Canada; Domestic Substance List): All ingredients are listed, exempt, or listed under trade secret classification

NDSL (Canada; Non-Domestic Substance List): Not Listed

ECL (Korea; Established Chemicals List): All ingredients are listed, exempt, or listed under trade secret classification

PICCS (Philippines): Not included

ENCS (Japan; Established and New Chemicals List): All ingredients are listed, exempt, or listed under trade secret classification

IECS (China): All ingredients are listed, exempt, or listed under trade secret classification

EINECS (European Inventory of Existing Commercial Chemical Products): All ingredients are listed, exempt, or listed under trade secret classification

SARA Title III (Superfund Amendments & Reauthorization Act)

- **§313:** Not a Toxic Chemical
- **§§311/312:** Not an Acute Health Hazard
- **§302:** Not Extremely Hazardous

California Proposition 65 (Known to the State of California to cause cancer, birth defects, or other reproductive harm):
NONE

WHMIS (Canadian Workplace Hazardous Material Information System): Not classified

NA = Not Applicable

ND = No Data

NE = Not Established

NL = Not Listed

NR = Not Required

Release Date: October 5, 2007

Supersedes Date: May 7, 2005

Page 4 of 5

Section 16: Supplemental Information**NFPA (National Fire Protection Agency) 704:**

0 = Minimal Hazard
1 = Slight Hazard
2 = Moderate Hazard

3 = Severe Hazard
4 = Extreme Hazard

Health:**Fire:****Reactivity:****Disclaimer**

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers and users of this product must comply with all applicable health and safety laws, regulations and orders.