

Material Safety Data Sheet



Section 1: Product Information

Manufacturer's Name / Address:	Trade Name:	Poly-Stain (clear base)
Floritec Polytech, Inc. 1400 S. Geronimo Ave. Parker, AZ 85344	Chemical Family:	Polyacrylic Dispersion
Info. Phone: (928) 669-1680	Intended Use:	Decorative Concrete Coating
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): Skin, eyes, mucous membranes, respiratory tract, central nervous system (CNS) effects typically temporary. In extreme cases kidney and or liver.

POTENTIAL HEALTH EFFECTS:

Chronic: Inhalation of high concentrations of vapors may cause light-headedness, shortness of breath, chest discomfort, CNS depression and narcotic effects. Overexposure by ingestion may cause drowsiness, headache, lowered blood pressure and narcosis. In addition gastroenteritis can occur and extreme cases of ingestion could result in liver or kidney damage. Chronic skin contact could result in enough material being absorbed to cause the same effects as ingestion or inhalation.

Acute:

- Contact with eyes including exposure to vapors and mist may cause irritation; redness, tearing, swelling, pain
- Contact with skin may result in mild irritation.; Prolonged exposure may cause defatting of the skin or dermatitis
- Inhalation of mists or vapors may be irritating to nose, mouth, throat, mucous membrane. and lungs
- Ingestion presents an aspiration hazard. Material may enter the lungs when swallowing or if vomiting occurs which can cause severe lung damage. Otherwise, ingestion may cause irritation to the entire gastrointestinal tract

Section 3: Hazardous Ingredients

No.	Hazardous Component	CAS #	% of Total
1	Vinyl Acetate/ethylene copolymer	24937-78-8	< 5%%
2	Isopropanol	67-63-0	< 70%
3			
4			
5			
6			
7			
8			
9			

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:	Carbon monoxide, carbon dioxide, oxides of nitrogen
Extinguishing Media:	Water fog, foam, carbon dioxide, dry chemicals
Special Firefighting Procedures:	Wear full protective equipment including self contained breathing apparatus
Unusual Fire and Explosion Hazards:	Vapors can concentrate in confined spaces and form an explosive mixture with air. Excessive heat from a fire may cause containers to build up pressure and rupture violently.

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.

Section 8: Exposure Controls/Personal Protection



No.	Hazardous Component	OSHA PEL (TWA)	ACGIH TLV (TWA)
1	Vinyl Acetate/ethylene copolymer	NE	NE
2	Isopropanol	400 ppm	400 ppm
3			
4			
5			
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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):	> 85 °C	Specific Gravity:	1.05
Vapor Pressure:	30 mmHg @ 20 °C (solvent)	Melting Point:	NE
Vapor Density:(Air = 1)	2.07 (solvent)	Evaporation Rate:(Butyl Acetate=1)	≈ 2.8
Solubility in Water:	miscible	pH:	8 - 10
Freezing Point	< -60 °C (solvent)	Flash Point (°C):	≈ 15.5 °C (solvent)
Odor Threshold:	45 ppm (solvent)	VOC Content (g/l):	160 g/l
Coefficient of Oil/Water Distribution:	NE	Conditions of Flammability:	*****
Physical State:	Liquid	Explosion Limits: vol.% in air	LEL: 2.3 (solvent) UEL: 12.7 (solvent)
Appearance: (odor, color, etc.)	Milky white, alcohol odor	Autoignition Temperature (°C):	455 °C (solvent)

Section 10: Stability/Reactivity

Chemical Stability: ☒ Stable under normal conditions ☐ Unstable

Conditions to Avoid: Storage above 25 °C. Prolonged storage in the presence of oxygen and a ketone, as this condition may promote the formation of peroxide.

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition Products: If heated to decomposition it emits toxic oxides of carbon

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): None listed

OSHA (Occupational Health & Safety Administration): None listed

IARC (International Agency for Research on Cancer): None reviewed

Reproductive Effects: None known

Developmental Effects: None known

Section 12: Ecological Information

Ecotoxicity (effects on plants and animals): No specific data exists for this product. Safe practices however suggest preventing this product or any other chemical from escaping freely into the environment.

Environmental Fate of Material: No specific data exists for this product. Safe practices however suggest preventing this product or any other chemical from escaping freely into the environment.

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:** Flammable Liquid, n.o.s., (Contains Isopropanol)
- **Hazard Class:** 3
- **UN Number:** UN1993
- **Packing Group:** III

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

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 as trade secret

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:** CAS# 67-63-0 considered an Acute and Chronic Health Hazard and Fire 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): CAS# 67-63-0 Classified: B2, D2B

NA = Not Applicable

ND = No Data

NE = Not Established

NL = Not Listed

NR = Not Required

Release Date: December 20, 2007

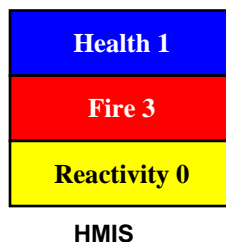
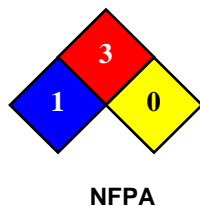
Supersedes Date: September 29, 2005

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Section 16: Supplemental Information**NFPA (National Fire Protection Agency) 704:
HMIS (Hazardous Materials Information System)**

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

3 = Severe Hazard
4 = Extreme Hazard

**Disclaimer**

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