

Material Safety Data Sheet

Revision Date: 1/10/11

NA = Not Applicable NE = Not Established

Section 1. General Information

Product name: **IPANOL CWR Gel**
Chemical family: Epoxy Resin. Epoxy Acrylate Blend
Product Use: Cold weather epoxy acrylate hybrid anchoring gel
Manufacturer: **IPA Systems, Inc.**
2745 North Amber Street, Philadelphia, Pa. 19134
Phone: 800-523-3834 • 215-425-6607
Fax: 215-425-6234
E-mail: info@ipasystems.com
Website: www.ipasystems.com

Emergency Phone Number - Chemtrec: 800-424-9300

Section 2. Hazards Identification

Route of Entry: Eyes, Skin, Swallowing, Inhalation
Target Organs: Eyes, Skin, Upper Respiratory System. Medical conditions aggravated by exposure (none identified)
Inhalation: May cause irritation to nose and throat
Skin Contact: May cause irritation and sensitization
Eye Contact: May cause irritation. Symptoms include stinging, tearing, and redness.
Ingestion: May cause irritation, sensitization

HMIS II ratings: Health = 2, Fire = 3, Reactivity = 2
HMIS III ratings: Health = 2, Fire = 3, Physical Hazard = 2
NFPA ratings: Health = 2, Fire = 3, Reactivity = 2

Section 3. Composition/Information on Ingredients

Ingredients: Trade Secret Amine Blend containing one or more of the following:

<u>Cas #</u>	<u>Chemical Name</u>	<u>%</u>
Component A		
80626	Acrylate Blend	30-50%
9010882		
14808607	Silica, crystalline	40-60%
Component B		
94360	Benzoyl Peroxide	10-25%
68515402		10-25%
471251	Calcium Carbonate	20-25%
25068386	Epoxy Resin	10-25%

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Section 4. First Aid Measures

- Inhalation:** If respiratory irritation occurs, go to fresh air, flood work area with fresh air. If irritation continues seek medical attention.
- Skin Contact:** Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention. **SOLVENTS SHOULD NOT BE USED** because they carry the irritant into the skin.
- Eye Contact:** Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold eyelids open during the flush. Immediately seek medical attention.
- Ingestion:** Obtain immediate medical attention. Drink large amounts of water. Do not induce vomiting

Section 5. Fire Fighting Measures

- Flash Point:** A: 65F / B: 315F
- Flash Point Method:** Pensky Martens Closed Cup
- Burning Rate:** No data available
- Autoignition Temperature:** No data available
- LEL:** A: 2.1% B: n/a
- UEL:** A: 12.5% B: n/a
- Flammability Classification:** Flammable Liquid

Treat as flammable liquid, with explosive vapors. Self contained breathing apparatus may be required. Protect against eye and skin contact. Fight fire from distance as heat may rupture containers. Avoid breathing vapors. Explosion hazard when exposed to heat or flame. Cool exposed containers with water. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

NFPA Class B-C extinguisher (dry chemical or foam) for Class 1C fires. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Use supplied breathing masks.

Section 6. Accidental Release Measures

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Use anti-sparking tools. Persons not wearing protective equipment should be excluded from area or until spill clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. Try to prevent parts A & B from mixing. Collect with absorbent material and place in container for proper disposal. For large spill, transfer to salvage vessels and dispose of according to state, local and federal regulations. Flush area with water to remove residue. **DO NOT CONFINE**. Never return spillage to original container for reuse.

Section 7. Handling and Storage

Handling Precautions: For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with other mixtures (strong acids, bases and amines). Hazardous polymerization may occur with excessive heat

Storage Requirements: Store in cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flames.

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Section 8. Exposure Control / Personal Protection

VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents containment dispersion into the work area controlling it as its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

PROTECTIVE CLOTHING/EQUIPMENT: Wear chemically protective gloves, boots and aprons to prevent prolonged or repeated skin contact. Wear protective goggles and face shield, per OSHA eye and face protection (29 CFR 1910.133).

CONTAMINATED EQUIPMENT: Separate contaminated work clothing from street clothing. Launder before reuse. Remove this material from you work shoes and clean personal protective equipment.

OTHER PRECAUTIONS: Never eat, drink or smoke in work areas.

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration

Section 9. Physical And Chemical Properties

Appearance:	Component A (White Gel)	Component B (black; Gel)
Physical State:	Gel	Boiling Point: ND
Odor:	Component A (Distinctive) Component B (Slight odor)	Freezing/Melting Point: ND/NE
pH:	ND	Solubility: nil
Vapor Pressure:	N/E	Spec Grav. / Density: A:1.56 B:1.64
Vapor Density:	(Air =1) > 1	
VOC:	<50 g/l	
Evaporation Rate:	Slower than Butyl Acetate	

Section 10. Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Heat, sparks and open flames. Hazardous polymerization may occur with heat.
Materials to Avoid:	Isolate from strong oxidizers, acids, bases and amines..
Hazardous Decomposition products:	CO, CO ₂ , hydrocarbons
Hazardous Polymerization:	A: Occurs with heat, absence of inhibitor, addition of catalyst. B: Does not occur

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Section 11. Toxicological Information

No data available

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

Dispose of in accordance with all applicable local, state and federal regulations.

Section 14. Transport Information

DOT Class: Flammable Liquid (3) #3

Shipping Name: Adhesive, 3, UN1133, PGIII, Emergency Response Guide No. 27 Label Flammable Liquid 3 (only when shipping by air or water)

Canada EPA: All ingredients listed on DSL.

WHMIS: A n/a B: Class C

Section 15. Regulatory Information

This MSDS has been prepared in accordance with Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS Codes: Health (2), Flammability (3), Reactivity (2), PPE (J)

WHMIS: A n/a B: Class C

Hazard Class 3, Flammable Liquid Adhesive, 3, UN1133, PGIII, Emergency Response Guide No. 27

Canadian Inventory Status: All components included on the Domestic Substances List (DSL)

TSCA Inventory Status: Chemical components are listed on TSCA inventory SARA Title III, Section 313. This product contains mercaptan which is subject to reporting under section 313 or SARA Title III (40CFR Part 372).

Section 16. Other Information

The information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness or completeness, or as to the results or reliance of this product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

End of MSDS Document