

Material Safety Data Sheet

Revision Date: 1/10/07

NA = Not Applicable NE = Not Established

Section 1. General Information

Product name: **Ipaseal 50W**

Chemical Family: Alkylalkoxysilane/silane + additive (aqueous solution)

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. Hazardous Ingredients

<u>Name:</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Threshold Limit Value (units)</u>
Alkylalkoxysilane/silane	NA	30 - 70	Not hazardous

Section 3. Physical Data

Boiling Point: 212°F (100°C)

Specific Gravity: (H₂O = 1): .995

Vapor Pressure (mm Hg.): NE

Percent Volatile by Volume: NE

Vapor Density (Air = 1): 1

Evaporation Rate (BAc = 1): 1

Solubility in Water: Dilutable

pH: 6.6

Appearance and Odor: White liquid, slight odor

Section 4. Fire and Explosion Hazard Data

Flash Point: Noncombustible

Autoignition Temperature: NA

Flammable Limits: LEL = NA UEL = NA

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: NAUnusual Fire and Explosion Hazards: This material does not present any unusual fire or explosion hazards.

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Section 5. Health Hazard Data

OSHA Permissible Exposure Limit: NA

ACGIH Threshold Limit Value: NA

Carcinogen – NTP Program: No

Carcinogen – IARC Program: No

Symptoms of Exposure:

Skin: Irritating on prolonged or repeated contact.

Eye contact: Can cause eye irritation.

Inhalation: Can cause headache, nausea, irritation of nose, throat and lungs.

Medical Conditions Aggravated by Exposure: NE

Routes of Entry: Ingestion, Inhalation, Skin Contact, Eye Contact

Emergency and First Aid Procedures:

Inhalation: Move subject to fresh air.

Swallowing: Do not induce vomiting. Rinse mouth with water but do not give anything to drink. Danger of aspiration. Seek medical attention.

Eye Contact: Immediately flush well with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact: Wash thoroughly with soap and water.

Section 6. Reactivity Data

Stability: Stable

Conditions to Avoid: Keep away from incompatible substances.

Incompatibility (Materials to Avoid Contact): Strong acids. Bases (alkali or caustic materials). Oxidizing materials (oxygen, oxidizers, peroxides, etc.).

Hazardous Decomposition or By-Products: None.

Hazardous Polymerization: Will not occur.

Section 7. Procedures for Safe Handling and Use

Spill Response: Keep spectators away. Floor may be slippery; use care to avoid falling. Contain spills immediately by diking with inert material (e.g., sand, earth). Transfer liquid and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoffs from entering municipal sewers or open bodies of water.

Waste Disposal Method (Recommendation): Material designated for disposal should be segregated from any substances or materials specified in Section 6. Material should be disposed of at an approved facility in accordance with applicable governmental regulations.

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Section 8. Control Measures

Eye Protection: Wear chemical splash goggles (ANSI Z87.1 or approved equivalent).

Respiratory Protection: Wear MSHA/NIOSH half-mask dust/mist when mist occurs.

Skin Protection: Wear neoprene gloves.

Ventilation: Local exhaust, minimum capture velocity 100 ft/min.

Other Protection: Eyewash facility

Section 9. Special Precautions

Keep from freezing; material may coagulate.

Precautions for Repair and Maintenance of Contaminated Equipment: NA

Other Precautions: NA