

Section 1 - Product and Company Information

Product Name PhaseCoat® UFR

Company	MicroPhase Coatings, Inc	HMIS Code
Street Address	170 Donmoor Court	Health 3
City, State, Zip	Garner, NC 27529	Flammability 3
Emergency phone:	(800) 424-3900	Reactivity 1
International	001-703-527-3887	

Section 2 - Composition Information/Hazardous Ingredients

<u>Substance Name</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA Pel</u>	<u>ACGIH TLV</u>
ethyl silicates	68412-37-3	5 - 15	10 ppm	10 ppm
organo silane	2530-83-8	10 - 20	not established	not established
isopropanol	67-63-0	< 40	8h twa 400ppm	400 ppm

Section 3 - Physical and Chemical Properties

Boiling Point 82°C
Vapor Pressure 33 mm Hg at 20°C
Vapor Density (air=1) ND
Solubility in Water reacts
Specific Gravity ND
Melting Point Not Applicable
Evaporation Rate (Butyl Acetate=1) ND
Appearance and Odor Low viscosity liquid, slight yellow color

Section 4 - Fire Fighting Measures

Flash Point 29°C
Autoignition Temperature 399°C
Extinguishing Media Carbon dioxide, dry chemical powder or appropriate foam. Water spray.
Firefighting

Protective Equipment

Wear self-contained isocyanate approved breathing apparatus and protective coating to prevent contact with skin and eyes.

Specific Hazard(s)

Emits toxic fumes under fire conditions.

Section 5 - Reactivity Data

Stability

Stable

Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon Monoxide, Carbon Dioxide, Silicon Oxide.

Hazardous Polymerization

Will not occur.

Section 6 - Health Hazard Data

Route(s) of Entry

Inhalation, Ingestion.

Health Hazards (Acute and Chronic)

Eye, skin, respiratory irritation.

Carcinogenicity

None known. NPT (no) ARC Monographs (no)

Signs and Symptoms of Exposure

Irritation of eyes and skin, coughing.

Medical Conditions Generally Aggravated by Exposure

None Known.

Emergency and First Aid Procedures

Wash skin with large amounts of soap and water. Flush eyes with running water for at least 15 minutes.

If ingested do not induce vomiting, call doctor immediately.

Oral Toxicity

LD50 rat 1780 mg/kg

Section 7 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Use a dry, absorbent material such as sand or vermiculite to absorb material. Transfer to a sealed container for disposal.

Waste Disposal Method

Dispose of as any dried paint. Check local ordinances for proper disposal.

Storage

Store in a cool, dry place.

Other Precautions

None known.

Section 8 - Control Measures

Respiratory

NIOSH/MSHA approved respirator.

Hand

Protective rubber gloves.

Eye

Chemical safety goggles or face shield.

General Hygiene Measures

Wash thoroughly after handling.

Section 9 - Transport Information

DOT

Proper Shipping Name	Flammable Liquid N.O.S. (Methanol, isopropanol)
DOT ID #	UN 1993
Class	3
Packing Group	III
DOT Label:	Flammable Liquid

Revised: 2/13/2007