
Mercury Chemical Corporation

MATERIAL SAFETY DATA

SECTION 1: PRODUCT IDENTIFICATION

Material Name (Trade Name): Mercryl 411

Product Code # FCFC-041

Manufacturer: Mercury Chemical Corporation

Chemical Name: Acrylic Polymer

Chemical Family: Acrylic

Emergency Telephone Numbers: (336)226-9152

MSDS Number: 001

Effective Date:

Revision #: 001

SECTION 2: INGREDIENTS

<u>Material/CAS</u>	<u>%</u>	<u>Health Hazard Data</u>
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EMERGENCY PHONE: (336)226-9152

Mercury Chemical Corporation, P. O. Box 2773, Burlington, NC 27216-2773

SECTION 3: PHYSICAL DATA

Boiling Point: 212 deg. F
Solubility in Water: Dispersible
Vapor Pressure: Not Determined
Vapor Density: Not Determined
% Volatile by Weight: 55
pH: (neat) : 2.5
Appearance/Odor: White to off-white liquid with acrylic odor

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point (F): >200 deg. F
Flammable Limits (%): Not determined
Extinguishing Media: Water, foam, CO₂ or dry chemical fire fighting equipment

Special Firefighting Procedures:

Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards:

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

Toxicology:

Exposure Standards:

Signs and Symptoms of Exposure:

Contact with the eyes and skin causes irritation and redness.

Prolonged exposures to vapors may be irritating to nose, throat and respiratory tract producing symptoms of dizziness, headache and nausea.

FIRST AID

Eye Contact:

Immediately flush eyes with copious quantities of water for a minimum of fifteen (15) minutes. Use fingers to separate eyelids to assure that the eyes are being irrigated. Process should begin within one minute of eye contact. Call a physician.

Skin Contact:

Wash exposed skin with copious quantities of soapy water. Remove all contaminated clothing and wash before re-use

Inhalation:

Remove to fresh air. If breathing impaired, assisted respiration (mouth to mouth) may be indicated as well as supplemental oxygen. Seek medical attention.

Ingestion:

If swallowed, call a physician immediately. Induce vomiting or Remove stomach contents by gastric suction only as directed by medical personnel. Never give anything by mouth to mouth an unconscious person.

SECTION 6: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Shocking the emulsion with large quantities of chemicals or extreme shear agitation may cause coagulation. Avoid freezing.

Incompatibility (Materials to Avoid): Avoid acids, bases & other reactive materials.

Hazardous Decomposition or By-Products: Oxides of carbon, nitrogen & sulfur

Hazardous Polymerization: Will not occur

SECTION 7: **SPILL, LEAK AND DISPOSAL PROCEDURES**

Steps to be taken in case material is released or spilled:

Waste Disposal Method:

Dispose in approved landfill. Comply with all federal, state and local regulations.

Precautions to be taken when handling and storing:

Keep away from oxidizers, heat or flames. Keep in a cool, dry ventilated storage and in closed containers. Avoid contact with skin, eyes and clothing.

SECTION 8: **SPECIAL PROTECTION INFORMATION**

Respiratory Protection:

Keep container closed. Avoid prolonged breathing of vapors or mists. In poorly ventilated areas, masks of the cartridge type (NIOSH) approved for organic vapors are recommended. Generally, respiratory protection is unnecessary provided there is adequate ventilation.

Eye Protection:

Chemical safety goggles to be used when working with mists, dust or liquids.

Other Protective Clothing and Equipment:

**Eye wash stations readily accessible
Safety shower
Long sleeved clothing**

Work and Hygienic Practices:

Wash at the end of each workshift and before eating, smoking or using the toilet. Change work clothing daily before leaving the work place.

SECTION 9: **SPECIAL PRECAUTIONS & HANDLING INFORMATION**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Keep container closed.

Other Labeling Information:

Reportable Quantity:

Freight Class: 55

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