



Safety Data Sheet

Better Chemistry. Better Business

EMERALD PAINT-PREP 380 NP

Revised: 6/21/23

1 IDENTIFICATION

Product Name: EMERALD PAINT-PREP 380 NP

Product Code :2204001

Recommended use of the chemical and restrictions on use:Industrial applications

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Hazard Category: Skin Corrosion/Irritation Hazard Category 2
Eye Damage/Irritation Hazard Category 2B
Corrosive to Metals Hazard Category 1
Acute Toxicity Dermal Hazard Category 4
Acute Toxicity-Inhalation Hazard Category 4

Hazard Statements: Causes skin irritation.

Causes serious eye irritation.

May be corrosive to metals.

Harmful in contact with skin.

Harmful if inhaled.

Prevention: Wash skin thoroughly after handling.

Wear rubber gloves, goggles and chemical protective clothing.

Keep only in original container.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Use only outdoors or in well ventilated area.

Response: If on skin: Wash with plenty of water.

Specific treatment - refer to poison center or doctor for advice.

If skin irritation occurs: Get Medical advice/attention.

Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention .
Absorb spillage to prevent material damage.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call POISON CENTER/Doctor if you feel unwell

Storage: Store in corrosive resistant high density polyethylene container.

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Hexafluorozirconic acid	-	12021-95-3	0-1%

4 FIRST AID

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

After Eye Contact:

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

Most Important Symptoms/Effects

Eye:

Irritation of eyes and skin.

Skin:

This product can cause mild, transient skin irritation. The severity of irritation will depend on the amount of material that is applied to the skin and the speed and thoroughness that it is removed. Symptoms include redness, itching, and burning of the skin. Repeated or prolonged skin contact can produce moderate irritation(dermatitis).

Indication of immediate medical attention:

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:

Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

Specific hazards arising from the chemical:

Carbon oxides may be produced.

Special protective equipment and precautions for firefighter

Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment & cleaning up:

Stop spill at source.
Caution: Spilled material may be slippery.

7 HANDLING AND STORAGE

Precautions for safe handling:

Wash hands thoroughly after handling.
Wear rubber gloves, goggles and chemical protective clothing.
Eating, drinking and smoking in the work area is prohibited.

Conditions for safe storage,
inc any incompatibilities:

Store in properly sealed and labeled containers. Do not store outside.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Hexafluorozirconic acid	ACGIH	2.5 mg/m ³ (as F)	

ACGIH - American Control of Governmental Hygenists

OSHA - Occupational Safety and Health Administration

Protective Gloves: Rubber gloves, chemical goggles or protective eyewear, boots, aprons & hard hat if in contact

Eye Protection: Wear chemical safety goggles & full face shield

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Colorless Liquid
Odor:	fruity odor
Odor Threshold:	N/A
PH:	<3 (5% aqueous solution)
Melting Point/Freezing Point:	NA
Initial Boiling Point and Boiling Range:	NA
Flash Point:	NA
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Upper/Lower flammability or explosive limits:	non-flammable
Vapor Pressure:	NA
Vapor Density:	NA
Relative Density:	0.98-1.04
Solubility (ies):	100%
Partition Coefficient; n-octanol/water:	NA
Auto-ignition Temperature:	N/A
Decomposition Temperature:	NA
Viscosity:	NA
VOC Content	0%

10 STABILITY AND REACTIVITY

Reactivity:	Hazardous Polymerization will not occur.
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Incompatible Materials:	Avoid contact with strong oxidizers and strong bases

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Not established for this product
Dermal administration:	Not Established
Immediate effects:	Irritation/ burns of skin and eyes.
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH

12 ECOLOGICAL INFORMATION

Persistence and Degradability:	Will biodegrade readily
Biotic degradability:	No data available
Bioaccumulation potential:	Unlikely
Water result:	Disperses in water.
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

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

14 TRANSPORT INFORMATION

UN Number:	1760
UN Proper Shipping Name:	CORROSIVE LIQUIDS, N.O.S., (CONTAINS Hexafluorozirconic acid),
Transport Hazard Class (es):	8
Packing Group:	II
ERG:	154
Additional DOT info	IATA:UN1760,Corrosive liquid,nos(Contains Fluorozirconic acid),8,II,ERG 8L IMDG:UN1760,Corrosive liqiod,nos(Contains Fluorozirconic acid),8,II, ems F-A,S-B

15 REGULATORY INFORMATION

HMIS: Health: 3 Flammability: 0 Reactivity: 0

16 OTHER INFORMATION

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.