

Material Safety Data Sheet

RESINTECH, INC.

Product name: WACMP, WACMP-HP
Hydrogen Form Weak Acid Macroporous Cation Exchange Resin

Effective date: 10/01/01

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ICC NMFC #48515

1. Ingredients:

Divinylbenzene crosslinked polyacrylate = polymer in the hydrogen form CAS # - 009052-45-3 40-60%

Water = CAS # - 007732-18-5

- TWA/TLV
- Not Established
- Not Established

2. Physical/Chemical Data:

Boiling Point: Not Applicable
Vapor Pressure (MM HG): Not Applicable
Evaporation Rate (water = 1): 1
Appearance & Odor: White to Light Cream Beads
Specific Gravity: (water = 1) 1.2
Melting Point (deg. F) Not applicable
Solubility in Water: Insoluble
Thermal: May yield oxides of carbon, nitrogen and sulfur

Product Hazard Rating	Scale
Toxicity = 0	0 = Negligible
Fire = 0	1 = Slight
Reactivity = 0	2 = Moderate
Special – N/A	3 = High
	4 = Extreme

3. Fire & Explosion Hazard Data

Flammable Limits: 800 ° Deg. F
Unusual Fire & Explosion Hazards: Toxic Decomposition Products
Extinguishing Media: Water, CO₂, Talc, Dry Chemical
Special Fire Fighting Procedures: MSHA/NIOSH approved self-contained breathing gear.

4. Reactivity Data

Stability:	Stable
Conditions to Avoid:	Temperatures above 400° F
Hazardous by Products:	C0, C02, NH3, amines, styrene, divinylbenzene
Materials to avoid contact with:	Strong oxidizing agents (i.e. nitric acid)
Hazardous Polymerization:	Material does not polymerize
Storage:	Store in a cool dry place

5. Health Hazards & Sara (Right to Know)

Emergency First Aid Procedures:	Contact with eyes can and skins can cause irritation. Flush eyes with water for 15 minutes.
Carcinogenicity:	Not Applicable
Sara – title 3, sections 311 & 312:	All ingredients are non-hazardous

6. Control Measures

Respiratory protection:	Not required for normal uses if irritation occurs from breathing-get fresh air!
Eye protection:	Splash goggles
Ventilation:	Normal
Protective Gloves:	Not required.

7. Safe handling procedures

In Case of Spills:	Sweep up material and transfer to containers. Use caution – the floor will be slippery!
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