

Material Safety Data Sheet

RESINTECH, INC.

Product name: **WACG**
Hydrogen Form Weak Acid Gelular Cation Exchange Resin

Effective date: 10/01/01

Company Address: RESINTECH, Inc.
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ICC NMFC #48515

1. Ingredients:

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

Water = CAS # 007732-18-5 Balance

- **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

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MSHA/NIOSH approved self-contained breathing gear.

Special Fire Fighting Procedures:

4. Reactivity Data

Stability: Stable

Conditions to Avoid: Temperatures above 400° F

Hazardous by Products: CO, CO₂, 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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