

Material Safety Data Sheet

Product Name: A454G, A454GFM
Free Base Form Acrylic Weak Base Anion Exchange Resin
Effective date: 10/01/13

Company Address: General Technologies SPC
2016 E Spruce Circle
Olathe, KS 66062

Information Numbers:

Emergency Phone Number: 913-766-5566 / 816-590-9641 (Eve)
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1. Ingredients:

Acrylic acid polymer with divinylbenzene and ethylvinylbenzene,
aminated with complex amine 30-60%
Water 40-70%

- TWA/TLA
- 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: Light Cream to Light Yellow may have amine odor
Specific Gravity: 1.2 (water = 1)
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.
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: 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!