

ROHM AND HAAS COMPANY -- AMBERLITE IR-120 PLUS (H)RESIN -- 6810-00-879-6133

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Product Identification
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Product ID:AMBERLITE IR-120 PLUS (H)RESIN

MSDS Date:10/03/1985

FSC:6810

NIIN:00-879-6133

MSDS Number: BFTPG

=== Responsible Party ===

Company Name:ROHM AND HAAS COMPANY

Address:INDEPENDENCE MALL WEST

City:PHILADELPHIA

State:PA

ZIP:19105

Country:US

Info Phone Num:215-592-3000

Emergency Ph

one Num:215-592-3000

CAGE:77902

=== Contractor Identification ===

Company Name:ROHM AND HAAS CO

Address:100 INDEPENDENCE MALL WEST

Box:City:PHILADELPHIA

State:PA

ZIP:19106-2399

Country:US

Phone:215-592-2521/215-592-3000

CAGE:77902

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Composition/Information on Ingredients
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Ingred Name:STYRENE/DIVINYLBENZENE CATION EXCHANGE RESIN

Fraction by Wt: 46-51%

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 49-54%

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Hazards Identificati

on =====

Routes of Entry: Inhalation:UNKNOWN Skin:UNKNOWN Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:MAY CAUSE EYE IRRITATION.
CHRONIC:NO DATA AVAILABLE.

Effects of Overexposure:EYE CONTACT:LIKE OTHER FOREIGN BODIES,PARTICLES
CAN CAUSE MECHANICAL IRRITATION OF THE EYE.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

===== First Aid Measures =====

First Aid:EYE CONTACT:FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR A
T
LEAST 15 MINUTES.CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

===== Fire Fighting Measures =====

Autoignition Temp:Autoignition Temp Text:800F
Extinguishing Media:CO*2,DRY CHEMICAL,WATER FOG.
Fire Fighting Procedures:WEAR
MSHA/NIOSH-APPROVED,PRESSURE-DEMAND,SELF-CONTD.BREATHER
Unusual Fire/Explosion Hazard:TOXIC COMBUSTION PRODUCTS INCLUDE SULFUR
DIOXIDE & SULFUR TRIOXIDE.

===== Accidental Release Measures =====

Spill
Release Procedures:FLOOR MAY BE SLIPPERY.USE CARE TO AVOID
FALLS.SWEEP UP & TRANSFER TO CONTAINERS FOR RECOVERY OR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:THE MAX.STORAGE TEMPERATURE IS
120F/49C & MIN.STORAGE TEMP.IS 0C/32F.AVOID REPEATED FREEZE-THAW
CYCLES.MATERIAL CAN BE STORED INDOORS/OUTDOORS.
Other Precautions:THE MAXIMUM OPERATING TEMPERATURE RECOMMENDED FOR
THIS PRODUCT IS 121C/250F.PROPER DESIGN OF
EQUIP.TO PREVENT RAPID
BUILD-UP OF PRESSURE IS NECESSARY IF USE OF AN OXIDIZER(HNO*3) IS
CONTEMPLTD

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED FOR NORMAL OPERATIONS.
Ventilation:NORMAL ROOM VENTILATION.
Protective Gloves:IMPERVIOUS.
Eye Protection:SAFETY GLASSES(ANSI Z87.1
Other Protective Equipment:APRON,EYE-WASH.
Supplemental Safety and Health
DO NOT PACK COLUMN WITH DRY ION-EXCHANGE RESINS.DRY BEADS EXPAND WHEN
WETTED

;THIS EXPANSION CAN CAUSE A GLASS COLUMN TO SHATTER.

===== Physical/Chemical Properties =====

HCC:N1

Vapor Pres:17

Vapor Density:0.62

Spec Gravity:1.26

pH:3.0

Evaporation Rate & Reference: