

ROHM AND HAAS CO -- AMBERLITE IRA900 CL RESIN, 63228 -- 6810-01-014-1027

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Product Identification
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Product ID:AMBERLITE IRA900 CL RESIN, 63228

MSDS Date:07/24/1991

FSC:6810

NIIN:01-014-1027

MSDS Number: CCQTL

=== Responsible Party ===

Company Name:ROHM AND HAAS CO

Address:100 INDEPENDENCE MALL WEST

City:PHILADELPHIA

State:PA

ZIP:19106-2399

Country:US

Info Phone Num:215-592-3000

Emergency

Phone Num:800-424-9300 (CHEMTREC)

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:BENZENEMETHANAMINIUM AR-ETHENYL-N,N,N-TRIMETHYLCHLORIDE
POLYMER W/DIETHENYLBENZENE; (QUAT AMINE (ING 2)

CAS:60177-39-1

Fraction by Wt: 40-55%

OSHA PEL:N/K

ACGIH TLV:N/

K

Ingred Name:ING 1:DIVINYLBENZENE/STYRENE COPOLYMER, CL ION FORM.

RTECS #:9999999ZZ

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 45-60%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPDAT:BEADS EXPAND WHEN WETTED; THIS EXPANSION CAN CAUSE
GLASS COLUMNS TO SHATTER.

RTECS #:9999999ZZ

Ingred Name:ING 4: HYGIENISTS FOR INFORMATION ON THE DESIGN,
INSTALLATION, USE, AND MAINTENANCE OF EXHAUST SYSTEMS.

RTECS #:9999999ZZ

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SYSTEMS.
RTECS #:9999999ZZ

Ingred Name:ING 6:INSTALLATION, USE, AND MAINTENANCE OF EXHAUST
SYSTEMS.
RTECS #:9999999ZZ

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: MATERIAL CAN CAUSE
IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explana
tion of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:EYES: FLUSH WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15
MINUTES. CONSULT MD IF IRRITATION PERSISTS. SKIN: FLUSH WITH
COPIOUS AMOUNTS OF WATER. SEE MD . INHALATION: REMOVE TO FRESH AIR.
SUPPORT BREATHING (GIVE OXYGEN OR ARTIFICIAL RESPIRATION) .
INGEST
ION: CALL MD IMMEDIATELY .

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===== Fire Fighting Measures =====
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Extinguishing Media:USE THE FOLLOWING EXTING MEDIA WHEN FIGHTING FIRES
INVOLVING THIS MATL: CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT .
Unusual Fire/Explosion Hazard:COMBUSTION GENERATES TOXIC FUMES OF THE
FOLLOWING: NITROGEN OXIDES, HYDROGEN CHLORIDE.

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===== Accidental Release Measures =====
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Spill Release Procedures:WEAR GLOVES MADE OF COTTON/CANVAS. ADDNL PERS
PROT EQUIP SHOULD INCLUDE THE FOLLOWING: SFTY GLASSES (ANSI
Z87.1/APPRVD EQUIVALENT). FLOOR MAY BE SLIPPERY; USE CARE TO AVOID
FALLING. TRANSFER SPILLED M ATL TO SUITABLE CONTRS FOR
RECOVERY/DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====
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Handling and Storage Precautions:THE MIN REC STOR TEMP FOR THIS MATL IS
0C/

32F. THE MAX REC STOR TEMP FOR THIS MATL IS 60C/140F. AVOID RPTD FREEZE-THAW CYCLES; BEADS MAY FRACTURE.

Other Precautions:THE MAX REC OPERATING TEMP FOR THIS MATL IS 77C/170F. PROPERLY DESIGNED EQUIP IS VITAL IF THESE ION EXCHANGE RESINS ARE TO BE USED IN CONJUNCTION W/STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID TO PVNT A RAPID BUILD-UP OF PRESS & (SUP DAT)

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

Respiratory Protection:A NIOSH APPROVED RESPIRATORY PROTECTION PROGRAM

MEETING OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. NONE REQUIRED UNDER NORMAL OPERATING CONDITIONS.

Ventilation:THE VENT SYS EMPLOYED IS DEPENDENT ON THE USER'S SPECIFIC APPLICATION OF THIS MATL. REFER TO THE CURRENT EDITION (ING 4)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING

ANSI DESIGN CRITERIA .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTHER PREC: POSS EXPLO. CONSULT A SOURCE KNOWLEDGEABLE IN THE HNDLG OF THESE MATLS BEFORE PRECEDING. DO NOT PACK COLUMN W/DRY ION EXCHANGE RESINS. DRY BEADS EXPAND WHEN WETTED; THIS EXPANSION CAN CAUSE GLASS COLUMNS TO SHATTER.

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

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Va

por Pres:17

Vapor Density: