

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-654/65405-46-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
65405-46-1

Code:
M

RTECS:

Code:
X

Name:
STRONG ACID CATION EXCHANGE POLYMER HYDROGEN ION

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NONE REQUIRED IF AIRBORNE CONCENTRATIONS ARE MAINTAINED BELOW THE TWA/TLV'S. FOR DUST OR MIST UP TO 5 TIMES OF THE TWA/ TLV'S, WEAR MSHA/NIOSH APPROVED (OR EQUIVALENT) DISPOSABLE HALF-MASK DUST/ MIST RESPIRATOR.

Ventilation:
NONE REQUIRED UNDER NORMAL OPERATING CONDITIONS. EMPLOYED VENT SYSTEM DEPENDENT ON USER'S SPECIFIC APPLICATION OF MATL.

Protective Gloves:
NOT KNOWN.

Eye Protection:
USE SAFETY GLASSES.

Other Protective Equipment:
Equipment FACILITIES STORING OR UTILIZING MATERIAL SHOULD BE EQUIPPED WITH AN EYEWASH FACILITY.

Work Hygienic Practices:
NOT KNOWN.

Supplemental Safety and Health:
THIS KIT CONTAINS 6 DECONTAMINATING PACKETS. EACH PACKET CONTAINS AN APPLICATOR PAD IMPREGNATED WITH A MINIMUM OF 2.8 G OF AMBERGARD XE-555 RESIN. SEE INGREDIENTS FOR THE RESIN COMPOSITION. PHYSICAL P ROPERTIES ARE BASED ON THE CONTENT OF THE PACKET. LD50-LC50 MIX: LD50 RAT ORAL >5000 MG/KG.

Health Hazards Data

LD50LC50Mixture:
LD50 RABBIT DERMAL >5000 MG/KG (SEE SUP)

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: MAY CAUSE IRRITATION. INHALATION: CAN CAUSE IRRITATION OF NOSE AND THROAT. INGESTION: PRODUCT CONSIDERED PRACTICALLY NON-TOXIC.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
EYES: PACKET CONTENTS CAN CAUSE SLIGHT IRRITATION. INGESTION: PACKET CONTENTS ARE CONSIDERED TO BE PRACTICALLY NON-TOXIC. INHALATION: INHALATION OF PACKET CONTENTS CAN CAUSE IRRITATION OF NOSE AND THR OAT.

Medical Cond Aggravated By Exposure:
NOT KNOWN.

First Aid:
EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION: IF SWALLOWED, GIVE 2 GLASSES OF WATER TO DRINK. CONSULT A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: MOVE SUBJECT TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

Spill Release Procedures:
APPROPRIATE PROTECTIVE EQUIPMENT MUST BE WORN WHEN HANDLING A SPILL OF THIS MATERIAL.COLLECT UNBROKEN PACKETS FOR REUSE.TRANSFER SPILLED MATERIAL TO SUITABLE CONTAINERS FOR DISPOSAL.

Neutralizing Agent:
NOT KNOWN

Waste Disposal Methods:
DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL (FPA). UNUSED RESIN MAY BE INCINE RATED OR LANDFILLED.

Handling And Storage Precautions:
MAX RECOMMENDED STORAGE TEMP FOR PACKET CONTENTS IS 60C, 140F. STORE IN ACCORDANCE WITH FDA RECOMMENDED GOOD MANUFACTURING PRACTICES FOR MED DEVICES.

Other Precautions:
NONE KNOWN.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/A 3

Lower Limits:
0.17 OZ/FT3

Upper Limits:
NOT KNOWN

Extinguishing Media:
USE WATER SPRAY,CARBON DIOXIDE,DRY CHEMICAL.

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:
NOT KNOWN

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT KNOWN

Melt/Freeze Pt:

M.P/F.P Text:
NOT KNOWN

Decomp Temp:

Decomp Text:
NOT KNOWN

Vapor Pres:
NOT KNOWN

Vapor Density:
NOT KNOWN

Volatile Org Content %:

Spec Gravity:
>1 (WATER=1) 4

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:

Solubility in Water:
PRACTICALLY INSOL

Appearance and Odor:
BLACK,FREE-FLOWING,POWDERED SOLID.

Percent Volatiles by Volume:
<32

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID TEMPERATURES ABOVE 220C,428F.

Materials To Avoid:
AVOID CONTACT OF THE PACKET CONTENTS WITH OXIDIZING AGENTS,NITRIC ACID.

Hazardous Decomposition Products:
THERMAL DECOMPOSITION MAY YIELD STYRENE MONOMER AND DIVINYLBENZENE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P