

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

ACGIH STEL:

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 PROPERTIES 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 Symptoms 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 THROAT.

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 INCINERATED 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:

NOT 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)

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

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

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:

THE ABOVE INFORMATION IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT A WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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: