

X-3801 WATER BASED ADHESIVE

MSDS Number

CKMCQ

National Stock Number

8040-00-053-1271

Product Name

X-3801 WATER BASED ADHESIVE

Manufacturer

H B FULLER COMPANY

Product Identification

Product ID:X-3801 WATER BASED ADHESIVE

MSDS Date:01/12/1993

FSC:8040

NIIN:00-053-1271

Status Code:A

MSDS Number: CKMCQ

Responsible Party

H.B. FULLER COMPANY

1200 WOLTERS BOULEVARD

VADNAIS HEIGHTS , MN 55110

US

Emergency Phone: (800)424-9300

Info Phone: 1-612-481-3309

Preparer: INDUSTRIAL HYGIENE

Cage: 0DH19

Contractor

H.B. FULLER COMPANY

ST. PAUL, MN 55126-8076

US

612-236-5300/ -5309 FAX

Cage: 0DH19

Ingredients

VINYL ACETATE MONOMER

CAS: 108-05-4

RTECS: AK0875000

OSHA PEL10 PPM

ACGIH TLV: 10 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: EYE CONTACT WITH LIQUID PRODUCT
MAY CAUSE IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT WITH
LIQUID PRODUCT MAY CAUSE IRRITATION. INHALATION: EXPOSURE TO VAPORS
IN POORLY VENTILATED AREAS MAY CAUSE IRRITATION OF THE NOSE,

THROAT AND RESPIRATORY TRACT. INGESTION: NOT AN ANTICIPATED ROUTE OF EXPOSURE. SMALL AMMOUNTS ARE NOT ANTICIPATED TO BE HARMFUL.

Medical Cond Aggravated by Exposure:

First Aid

First Aid:IF IN EYE: FLUSH WITH WATER FOR 15 MINMITUES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. IF ON SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. IF VAPORS INHA LED: REMOVE SUBJECT TO FRESH AIR. IF INGESTED: IF PERSON CAN SWALLOW, GIVE ONE GLASS OF WATER OR MILK. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON CIOUS PESON.

Fire Fighting

Extinguishing Media:NON-FLAMMABLE IN LIQUID STATE; USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON DIOXIDE ON DRIED PRODUCT.
Fire Fighting Procedures:PERSON EXPOSED TO PRODUCT OF CONBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:THERE IS A POSSIABILITY OF PRESSURE BUILD-UP IN CLOSED CONTAINERS WHEN HEATED. WATER SPRAY MAY BE USED TO COOL THE CONTAINERS.

Accidental Release

Spill Release Procedures:DIKE IF NECESSARY, CONTAIN SPILL WITH INERT ABSORBENT AND TRANSFER TO CONTAINERS FOR DISPOSAL. KEEP SPILLED PRODUCT OUT OF SEWERS, WATERSHEDS OR WATER SYSTEMS.

Handling

Handling and Storage Precautions:WEAR APPROPRIATE PROTECTIVE EQUIPMENT WHEN WORKING WITH THIS PRODUCT. AVOID TEMPATURE EXTREMES IN STORAGE.IN STORAGE MONOMER VAPORS WILL MIGRATE FROM THE EMULSION AND ESTABLISH AN EQUILIBRIUM BETWEEN THE HEADSPACE IN THE STORAGE CONTAINER ANS THE LIQUID EMULSION.
Other Precautions:THIS PRODUCT CONTAINS TRACE AMMOUNTS (LESS THAN 0.1%) OF FORMALDEHYDE. FORMALDEHYDE HAS BEEN IDENTIFIED AS AN ANIMAL CARCINOGEN. OVEREXPOSURE TO FORMALDEHYDE SHOULS NOT OCCUR WITH NORMAL HANDLING AND USE.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF CONDITIONS WARRANT.
Ventilation:GENERAL DILUTION VENTILATION.
Protective Gloves:RUBBER GLOVES
Eye Protection:SAFTEY GLASSES-GOGGLES IF SPLASHING IS POSSIABLE
Other Protective Equipment:HAVE EYE WASH AVAILIABLE.
Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:GREATER THAN 200F (93C
Spec Gravity:1.05
VOC Pounds/Gallon:5
pH:5
Appearance and Odor:FF-WHITE LIQUID MILD, SWEET ODOR

Stability

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:INCOMPLETE COMBUSTION CAN YEILD LOW MOLECULAR WEIGHT HYDROCARBONS, CARBON MONOXIDE.

Toxicology

Toxicological Information:LD50: 2920 MG/KG (ORAL, RAT) LC50: 2828 PPM/4HR (RAT). VINYL ACETATE HAS BEEN SHOWN TO CAUSE IRRITATION AND CANCER IN INHALATION STUDIES WITH LABORATORY ANIMALS. TEST LEVELS OF 600 PPM CAUSE AN INCREA SE IN TUMORS IN THE REDPRITORY TRACT OF THE TEST ANIMALS. NO TUMORS WHERE OBSERVED IN THE ANIMALS EXPOSED

AT 50 PPM OR LOWER. THERE IS NO EVIDENCE THAT VINYL ACETATE HAS
CAUSED CANCER IN HUMANS.

Other Information

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Regulatory

SARA Title III Information:VINYL CCETATE State Regulatory Information:CALIFORNIA PROP 65: