

MVP TYPE 33 ADHESIVE

MSDS Number

BBJSK

National Stock Number

8030-00F001690

Product Name

MVP TYPE 33 ADHESIVE

Manufacturer

DEVCON CORP

Product Identification

Product ID:MVP TYPE 33 ADHESIVE

MSDS Date:07/01/1988

FSC:8030

NIIN:00F001690

MSDS Number: BBJSK

Responsible Party

DEVCON CORPORATION

30 ENDICOTT ST

DANVERS , MA 01923

US

Emergency Phone: 617-777-1100

Info Phone: 617-777-1100

Cage: 16059

Contractor

DEVCON CORP

DANVERS, MA 01923-3753

US

1-508-777-1100

Cage: 16059

Ingredients

METHYL METHACRYLATE, (MONOMER)

CAS: 80-62-6

RTECS: OZ5075000

Fraction By Weight: 30-60%

OSHA PEL410 MG/CUM

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHACRYLIC ACID

CAS: 79-41-4

RTECS: OZ2975000

Fraction By Weight: 10-20%

ACGIH TLV: 20 PPM

3.94 LBS/GAL

RTECS: 9999999VO

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): >8000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION/POSSIBLE
IRREVERSIBLE CORNEAL DAMAGE. SKIN: SEVERE IRRITATION. INHALATION:
NOSE/THROAT IRRITATION. INGESTION: MOUTH/THROAT/GI TRACT
IRRITATION. CHRONIC: PROLONGED/REPEATED CONT ACT W/METHYL
METHACRYLATE/METHACRYLIC ACID CAUSES SKIN SENSITIZATION W/ALLERGIC
SYMPTOMS. (SEE SUPP)
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, HEADACHE, NAUSEA, DIZZINESS,
ITCHING, SWELLING/RASHES.

First Aid

First Aid:EYES: FLUSH W/CLEAN WATER FOR 15 MINS. SKIN: WASH THOROUGHLY
W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN
IF BREATHING IS DIFFICULT. INGESTION: IF CONSCIOUS GIVE MILK/WATER
TO DI LUTE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:TCC
Flash Point:51F (SUPP)
Extinguishing Media:WATER, CO2, DRY CHEMICAL, FOAM
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE GEAR. COOL CONTAINERS
EXPOSED TO HEAT W/WATER SPRAY. FIGHT FROM SAFE DISTANCE/PROTECTED
AREA IF LARGE QUANTITIES INVOLVED.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS CAN BURST VIOLENTLY
WHEN HEATED. VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL TO AN
IGNITION SOURCE.

Accidental Release

Spill Release Procedures:VENTILATE AREA & REMOVE IGNITION SOURCES.
LARGE: DIKE W/INERT ABSORBENT/SAND. SCRAPE UP & TRANSFER TO
IMPERMEABLE CONTAINERS FOR DISPOSAL. WASH AREA W/STRONG DETERGENT &
WATER.

Handling

Handling and Storage Precautions:STORE WELL CLOSED IN A COOL/DRY PLACE.
Other Precautions:AVOID CONTACT W/SKIN & EYES. AVOID BREATHING VAPORS.

Exposure Controls

Respiratory Protection:NONE NEEDED IN NORMAL USE. WEAR NIOSH APPROVED
ORGANIC VAPOR RESPIRATOR WHERE VAPOR CONCENTRATION EXCEEDS TLV.
Ventilation:EXPLOSION PROOF LOCAL EXHAUST FOR CONFINED AREAS/WHERE
LARGE QUANTITIES OF COMPOUND IN USE. GENERAL MECHANICAL: NORMAL.
Protective Gloves:CHEMICAL RESISTANT RUBBER/POLYETHYLENE
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:CHEMICAL RESISTANT GEAR
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. WASH HANDS THOROUGHLY AFTER USE/BEFORE EATING/SMOKING.
Supplemental Safety and Health
PH: (5% BY WEIGHT IN WATER): ACIDIC. HEALTH HAZARDS CONT'D: CHRONIC
OVEREXPOSURE TO METHACRYLIC ACID CAUSES LIVER/KIDNEY
DAMAGE/CORROSIVE TO SKIN/EYES/POTENTIAL SENSITIZER. BOILING
POINT/VAPOR PRESSUR E/VAPOR DENSITY/FLASH POINT: INFORMATION
PROVIDED IS FOR METHYL METHACRYLATE, INHIBITED.

Chemical Properties

Boiling Pt:B.P. Text:214F (SUPP)
Vapor Pres:29 (SUPP)
Vapor Density:3.56(SUPP)
Spec Gravity:1.35
pH:(SUPP)
Evaporation Rate & Reference:(BU AC=1): 3
Solubility in Water: 5%
Appearance and Odor:THICK OFF-WHITE LIQUID W/PUNGENT ACRYLIC ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, REDUCING AGENTS, STRONG ACIDS, AMINES, ACTIVE METALS,
COPPER,
Stability Condition to Avoid:IGNITION SOURCES, STORAGE UNDER INERT
GASES, DIRECT MIXING W/ACTIVATOR COMPONENT OF KIT.
Hazardous Decomposition Products:OXIDES OF CARBON, TRACES OF HYDDROGEN
CHLORIDE, STYRENE, ACRYLATES.
Conditions to Avoid Polymerization:DIRECT MIXING OF ACTIVATOR INTO BULK
LIQUID ADHESIVE, EXTREME HEAT.

Disposal

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL
REGULATIONS. D002

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