

ITW DEVCON -- FLEXANE 80 LIQUID RESIN -- 8030-01-210-0170

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Product Identification
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Product ID:FLEXANE 80 LIQUID RESIN

MSDS Date:12/13/1993

FSC:8030

NIIN:01-210-0170

Status Code:A

Kit Part:Y

MSDS Number: CKPPV

=== Responsible Party ===

Company Name:ITW DEVCON

Address:30 ENDICOTT ST

City:DANVERS

State:MA

ZIP:01923

Country:US

Info Phone Num:1-508-777-1100

Emergency Phone Num:1-508-777-1100

Chemtrec Ind/Phone:(800)424-9300

CAGE:16059

=== Contractor Identification ===

Company Name:DEVCON CORP

Address:30 ENDICOTT ST

Box:City:DANVERS

State:MA

ZIP:01923-3753

Country:US

Phone:1-508-777-1100

CAGE:16059

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Composition/Information on Ingredients
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Ingred Name:METHYLENEBIS(4-CYCLOHEXYL ISOCYANATE)

CAS:5124-30-1

RTECS #:HQ9250000

Minumum % Wt:10.

Maxumum % Wt:15.

ACGIH TLV:0.054 MG/M3;.005 PPM

Ingred Name:RELATED POLYMERS OF ABOVE

CAS:53170-03-9

Minumum % Wt:80.

Maximum % Wt:90.

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===== Hazards Identification =====
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LD50 LC50 Mixture:ORAL LD50(RAT): >11,000 MG/KG

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

Health Hazards Acute and Chronic:EYES: EXTREMELY IRRITATING. SKIN:

IRRITANT. INHALATION: MAY CAUSE RESPIRATORY IRRITATION OR ALLERGIC REACTION. INGESTION: NO SPECIFIC DATA FOUND, BUT MAY BE EXPECTED TO CAUSE GASTROINTESTINAL IRRITATION.EFFECTS OF CHRONIC OVEREXPOSURE: PROLONGED OR REPEATED OVE

REXPOSURE BY SKIN CONTACT OR INHALATION

CAN CAUSE SKIN IRRITATION AND SENSITIZATION, WITH ITCHING, SWELLING, RASHES, AND/OR AN ASTHMA-LIKE RESPIRATORY REACTION ON LATER EXPOSURE EXPOSURE EVEN TO VERY SMALL AMOUNTS OF AIRBORNE ISOCYANATES.

Effects of Overexposure:EYES: MAY CAUSE BURNS OR PERMANENT DAMAGE.

SKIN: PICM CAN CAUSE REDNESS, SWELLING, PAIN, PROLONGED CONTACT WITH PICM CAN CAUSE BLISTERING. INHALATION: MAY CAUSE DRY THROAT, COUGHING, SHORTNESS OF BREATH, CHEST TIGHTNESS .

Medical Cond Aggravated by Exposure:ASTHMA, BRONCHITIS, ALLERGIES, AND

OTHER RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO ISOCYANATE VAPORS.

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===== First Aid Measures =====
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First Aid:EYES: FLUSH EYE WITH CLEANWATER FOR AT LEAST 15 MINUTES

WHILE GENTLY HOLDING EYELIDS OPEN. GET IMMEDIATE ATTENTION. SKIN: WASH THOROUGHLY WITH SOAP AND WARM WATER. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS. INHALATION: REMOVE PATIENT TO FRESH AIR.

ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

INGESTION: CONSULT A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

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===== Fire Fighting Measures =====
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Flash Point:>204.4C, 400.F

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:DURING A FIRE, IRRITATING AND/OR TOXIC GASES OR MISTS MAY BE PRESENT AS A RESULT OF THERMAL DECOMPOSITION

ECOMPOSITION
OR COMBUSTION.

===== Accidental Release Measures =====

Spill Release Procedures:SPILL CONTROL: PREVENT SKIN & EYE CONTACT.
ABSORB SPILL ON INERT COMPOUND; TRANSFER TO AN OPEN CONTAINER IN A
WELL VENTILATION AREA; TREAT WITH DILUTE OR HOUSEHOLD AMONIA FOR 24
HOURS. BEFORE DESPOSA L. DO NOT SEAL CONTAINERS. WASH AREA WITH
HEAVY DUTY DETERGENT.

===== Handling and Storage =====

Handling and Storage

Precautions:STORE WELL CLOSED IN A COOL, DRY
PLACE. USE. PREVENT MATERIAL CONTACT WITH WATER OR MOISTURE.
ISOCYANATES REACT SLOWLY WITH WATER WITH RELEASE OF CARBON DIOXIDE,
A GAS; PRESSURE COULD BUILD UP IN MOI STURE-CONTAMINATED, CLOSED
CONTAINERS, CAUSING BURSTING.

Other Precautions:KEEP HANDS AWAY FROM EYES WHEN HANDLING MATERIAL OR
BEFORE WASHING AFTER USE. WASH THOROUGHLY AFTER USING, PARTICULARLY
BEFORE EATING OR SMOKING.

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

Respiratory Protection:NONE REQUIRED AT NORMAL HANDLING TEMPERATURES
WITH GOOD VENTILATION. IN CASES OF POOR VENTILATION AND/OR AT
ELEVATED TEMPERATURES AN AIR SUPPLYING RESPIRATOR SHOULD BE USED.

Ventilation:PROVIDE ENOUGH VENTILATION TO KEEP AIRBORNE ISOCYANATE
BELOW TLV. GENERAL VENTILATION IS NORMALLY ADEQUATE FOR OCCASIONAL
USES IN OPEN AREA.

Protective Gloves:CHEMICAL RESISTANT RUBBER GLOVES.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS OR SPL
ASHPROOF GOGGLES.

Other Protective Equipment:OTHER PROTECTIVE GEAR AS REQUIRED TO PREVENT
SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING, PARTICULARLY
BEFORE EATING OR SMOKING.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:>148.9C, 300.F

Melt/Freeze Pt:M.P/F.P Text:N/D

Vapor Pres:N/D

Vapor Density:N/D

Spec Gravity:1.04

pH:7.0

Evaporation Rate & Reference:N/D

Solubility in Water:NIL

Appearance

and Odor: CLEAR LIQUID WITH FAINT ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

WATER OR MOISTURE CAN CAUSE RUPTURE OF CLOSED CONTAINERS DUE TO PRESSURE BUILDUP.

Stability Condition to Avoid: EXCESSIVE HEAT AND OPEN FLAME.

Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN.

===== Toxicological Information =====

Toxicological Information: ORAL LD50 (RAT): >11,000 MG/KG. DERMAL LD50

(RABBIT) >10000 MG/KG. INHALATION LC50 (RAT): 28 PPM (DATA FOR PURE PICM): EXPOSURE TIME: 4 HOURS.

===== Disposal Considerations =====

Waste Disposal Methods: REMOVE TO A WASTE DISPOSAL FACILITY OPERATING IN COMPLIANCE WITH STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: PROPER SHIPPING NAME: NOT REGULATED. D.O.T. HAZARD CLASS: NONE.

===== Regulatory Information =====

Federal Regulatory Information: APPLICABLE CERCLA/RCRA HAZARDOUS WASTE CODES: NONE. REPORTABLE QUANTITY UNDER CERCLA, IN POUNDS: ---.

===== Other Information =====

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