

03BK028CAT, BLACK 17038, ISOCYANATE

MSDS Number

BDGTG

National Stock Number

8010-00-181-8277

Product Name

03BK028CAT, BLACK 17038, ISOCYANATE

Manufacturer

DEFT INC CHEMICAL COATING DIV

Product Identification

Product ID:03BK028CAT, BLACK 17038, ISOCYANATE

MSDS Date:06/06/1991

FSC:8010

NIIN:00-181-8277

Kit Part:Y

MSDS Number: BDGTG

Responsible Party

DEFT INC CHEMICAL COATING DIV

17451 VON KARMAN AVE

IRVINE , CA 92714-6205

US

Emergency Phone: 800-424-9300 CHEMTREC

Info Phone: 714-474-0400

Preparer: NORM GAUL

Cage: 33461

Contractor

DEFT, INC.

IRVINE, CA 92614

US

949-474-0400

Cage: 33461

Ingredients

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 40.0%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 5.0%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 20.0%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS: 822-06-0

RTECS: MO1740000

Fraction By Weight: 0.2%

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

BIURET OF 1,6 HEXAMETHYLENE DIISOCYANATE(APPROX34.8%)

Fraction By Weight: 34.8%

Hazards

Effects of Overexposure:EYE/SKIN: IRRITANT. INHALATION: IRRITATION OR NARCOSIS FROM VAPORS

First Aid

First Aid:EYE CONT: FLUSH WITH WATER 15 MIN,CONTACT PHYSICIAN. SKIN CONT: WIPE OFF WITH RAG THEN WASH THOROUGHLY WITH MILD SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.

Fire Fighting

Flash Point Method:TCC

Flash Point:24.0F,-4.4C

Lower Limits:1%

Extinguishing Media:FOAM, ALCOHOL FOAM, CO*2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .

WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP, AUTO

IGNIT/EXPLOSION. DURING FIRE HDI (SUPDAT)

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, SPARKS, ELEC EQUIP & OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLIC TO HOT SURF (SUPDAT)

Accidental Release

Spill Release Procedures:ABSORB WITH OIL ABSORBING COMPOUND OR DRY RAGS AVOID SPARKS OR OPEN FLAMES. FLUSH WITH LARGE VOLUME OF WATER

Handling

Handling and Storage Precautions:MATERIAL IS SENSITIVE TO MOISTURE AND

SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINERS. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAMES.
Other Precautions: AVOID PROLONGED INHALATION OF VAPORS.

Exposure Controls

Respiratory Protection: NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH EXPOSURE OF CONCERN
Ventilation: LOCAL EXHAUST
Protective Gloves: YES
Eye Protection: YES
Supplemental Safety and Health
TWO PART RESIN MODIFIED POLYURETHANE COATING; THIS DATA IS FOR CATALYST (COMPONENT II), TYPE I, GRADE A, MIL-C-83286B. KEY 1:F3

Chemical Properties

HCC: F2
Boiling Pt: B.P. Text: >175F, >79C
Vapor Pres: SEE INGS
Vapor Density: HVR/AIR
Spec Gravity: 0.9
Evaporation Rate & Reference: 3.54 X N-BUTYL ACETATE
Solubility in Water: INSOLUBLE
Appearance and Odor: AMBER LIQUID WITH SOLVENT ODOR
Percent Volatiles by Volume: 76.9

Stability

Stability Indicator/Materials to Avoid: YES
WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS.
Stability Condition to Avoid: CONT W/MOISTURE, MATERIALS WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

Disposal

Waste Disposal Methods: DISPOSE IN TIGHTLY CLOSED CONTAINER AND FINALLY DISPOSE BY SANITARY LANDFILL.

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