

TOLUENE DIISOCYANATE 80/20

MSDS Number

BBDJK

National Stock Number

6810-00D000792

Product Name

TOLUENE DIISOCYANATE 80/20

Manufacturer

GENERAL PLASTIC AND CHEMICAL CORP

Product Identification

Product ID:TOLUENE DIISOCYANATE 80/20

MSDS Date:01/01/1987

FSC:6810

NIIN:00D000792

MSDS Number: BBDJK

Responsible Party

GENERAL PLASTIC & CHEMICAL CORP.

ELIZABETHTOWN , KY 42701-9804

US

Emergency Phone: 502-737-6758

Info Phone: 502-737-6758

Cage: EO042

Contractor

INLAND PACKAGING INC

644

ELIZABETHTOWN, KY 42701-9804

US

502-737-6757

Cage: 66172

Ingredients

TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)

CAS: 584-84-9

RTECS: CZ6300000

Fraction By Weight: 80%

OSHA PELC,0.02 PPM/0.02 STEL

ACGIH TLV: 0.005PPM/0.02STEL;93

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

TOLUENE-2,6-DIISOCYANATE (SARA III)

CAS: 91-08-7

RTECS: CZ6310000

Fraction By Weight: 20%

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

Effects of

Overexposure:EYE:IRR,BURN;SKIN:RED,SWELL,BLISTR,SENSIT;INH:SEVERE
IRR,ASTHMA-LIKE;ING:CORR,IRR.

First Aid

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH
W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE
VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

Fire Fighting

Flash Point:260F,127C,PMCC

Lower Limits:0.9

Upper Limits:9.5

Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.

Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.

Unusual Fire/Explosion Hazard:ISOCYANATE WILL BURN IF SUFFICIENTLY
HEATED & WILL GENERATE TOXIC FUMES.

Accidental Release

Spill Release Procedures:WEAR SCBA FULL PROTECT CLOTH,RUBBR
BOOTS&GLOVS-SM SPILL:NEUTRALIZE(SEE SUPPL.DATA).COLLECT IN OPEN TOP
CONT,ADD ADDL NEUTR.SOLN.REMOV.TO SAFE LOCATN,COVR LOOSLY&ALLOW TO
STAND 48HRS-LG SPILL:EVAC.PEOP LE.DIKE SPILL.REDUCE FUMES W.WTR
FOG.VACUUM SPILL.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENT AREA,AWAY
FROM OXID.AGTS&FIRE HAZ.KEEP TIGHTLY SEALED.DO NOT RESEAL
CONTAINERS IF CONTAM.IS SUSPECTED.

Other Precautions:AVOID EYE/SKIN CONTACT-DO NOT BREATHE
VAPORS-REMOV.CONTAM.CLOTH IMM. & DO NOT USE UNTIL LAUNDRD-TDI HAS
POOR WARNING PROP.SINCE ODOR AT WHICH TDI CAN BE SMELLED IS
SUBSTANT.ABOVE THE TLV MAX.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPVD SCBA

Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:RUBBER

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:RUBBR APRON&BOOTS-FULL PROTECT CLOTH-SFTY
SHOWRS,EYEWASH STA

Supplemental Safety and Health

MSDS UNDATED/NEUTRALIZING SOLN:85%WTR,10%ISOPROPYL ALC,5%AMM;IF TEMP IS
BELOW 57F:50%ISOPROPYL ALC,50%PERCHLOROETHYLENE/MFR:GENERAL
PLASTIC&CHEMICAL;DISTR:INLAND PACKAGING;CAGE# IS FOR INLAND/

Chemical Properties

HCC:T3

Boiling Pt:B.P. Text:485F,251C

Vapor Pres:Vapor Density:6.0

Spec Gravity:1.22

Viscosity:Evaporation Rate & Reference:LOW

Solubility in Water:LOW(REACTS)

Appearance and Odor:WTR WHITE TO PALE YELL.LIQ W.A SHARP PUNGENT ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

WATER,OXIDIZING AGENTS,ACTIVE HYDROGEN COMPOUNDS.

Stability Condition to Avoid:AVOID HEAT,MOISTURE (CONT.CAN DEVELOP
PRESS.BUILDUP&EXPLODE)

Hazardous Decomposition Products:CO,CO*2,N*2,TOXIC NITROGEN COMPOUNDS
Conditions to Avoid Polymerization:CAUSTIC SODA,TERTIARYAMINES RESULTS
IN UNCONTROLLED POLYMER.

Disposal

Waste Disposal Methods:DISPOSE OF IAW LOCAL,STATE & FEDERAL REGS--DO
NOT WASH DOWN DRAINS--

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