

03-GN-52 CATALYST, GREEN 24052, ISOCYANATE

MSDS Number

BGFHB

National Stock Number

8010-01-023-4261

Product Name

03-GN-52 CATALYST, GREEN 24052, ISOCYANATE

Manufacturer

DEFT INC CHEMICAL COATING DIV

Product Identification

Product ID: 03-GN-52 CATALYST, GREEN 24052, ISOCYANATE

MSDS Date: 01/01/1985

FSC: 8010

NIIN: 01-023-4261

Kit Part: Y

MSDS Number: BGFHB

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

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: 42.0%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300 STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 9.0%

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: 14.0%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS: 822-06-0

RTECS: MO1740000

Fraction By Weight: 0.15%

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 5.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

1 BIURET OF 1,6 HEXAMETHYLENE DIISOCYANATE

Fraction By Weight: 29.8%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE-VAPORS ARE IRRITATING TO

EYES,NOSE,THROAT.INHALATION MAY CAUSE HEADACHE,DIFFICULT

BREATHING,UNCONSCIOUSNESS. CHRONIC-AS A RESULT OF PREVIOUS REPEATED

OVERACT LATER TO EXPOSURES WELL BELOW ISOCYA NATE TLV.

Effects of

Overexposure:EYE:IRRITATION,TEARING,REDNESS,SWELLING,STINGING.

SKIN:IRRITATION,SWELLING,REDNESS,RASH. SKIN

ABSORBTION:IRRITATION,DRYING,DEFATTING,CRACKING.

INHALATION:IRRITACONCIOUSNESS,COMA. INGESTION:SEE SUPPLEM ENTAL

DATA.

Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY

DISORDERS.SKIN ALLERGIES,ECZEMA,AND DERMATITIS.ISOCYANATE

SENSITIZATION.

First Aid

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.SEE DOCTOR.
SKIN:REMOVE CONTAMINATED CLOTHING.WASH SKIN WITH SOAP AND WATER.
INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE
DOCTOR. INGESTIO Y.

Fire Fighting

Flash Point Method:TOC
Flash Point:28F,-2.2C
Lower Limits:1.7
Extinguishing Media:FOAM,ALCOHOL FOAM,CARBON DIOXIDE,DRY CHEMICAL,WATER
FOG.
Fire Fighting Procedures:WEAR SCBA AND PROTECTIVE CLOTHING.USE WATER
SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO DISPERSE UNIGNITED
VAPORS.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN
EXPOSED TO EXTREME HEAT.DECOMPOSITION PRODUCTS MAY CAUSE HEALTH
HAZARD.SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT.

Accidental Release

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL.REMOVE
ALL SOURCES OF IGNITION (FLAME,SPARKS,HOT SURFACES).VENTILATE
AREA.CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING
TOOLS,AND PLACE IN APPROPRIATE DI SPOSAL CONTAINER AND COVER.

Handling

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS AND
IN WELL VENTILATED AREAS.AVOID HIGH TEMPERATURES AND IGNITION
SOURCES.
Other Precautions:AVOID PROLONGED INHALATION OF VAPORS.IF VENTILATION
IS POOR,USE A FRESH AIR SUPPLY MASK.

Exposure Controls

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANIC
VAPOR CARTRIDGE FOR EXPOSURE OF CONCERN OR SCBA.
Ventilation:LOCAL EXHAUST TO KEEP BELOW TLV. USE NON-SPARKING
EQUIPMENT.
Protective Gloves:NEOPRENE,RUBBER,POLYETHYLENE.
Eye Protection:CHEMICAL GOGGLES OR FACE SHIELD.
Other Protective Equipment:LONG SLEEVE AND LONG LEG CLOTHING TO PREVENT
SKIN CONTACT.
Work Hygienic Practices:WASH HANDS BEFORE EATING,SMOKING,OR USING
SANITARY FACILITIES.SMOKE IN SMOKING AREAS ONLY.
Supplemental Safety and Health
TWO PART RESIN MODIFIED POLYURETHANE COATING;SEE P/N IND "C" FOR OTHER
INGRED AND P/N IND "A" FOR BASE,SAME NSN;SPEC REFERENCE
MIL-C-83286B.TYPE1:F3.

Chemical Properties

HCC:F2
Boiling Pt:B.P. Text:175-331F
Vapor Pres:30
Vapor Density:>1.0
Spec Gravity:0.92
Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR THIN WATER WHITE ORGANIC LIQ-ODOR OF MEK.
Percent Volatiles by Volume:75.2

Stability

Stability Indicator/Materials to Avoid:YES
CORROSIVE/OXIDIZING MATERIALS,WATER,ALCOHLOS,ETC.
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES.
Hazardous Decomposition Products:CO,CO*2 &/OR OXIDES OF NITROGEN

Disposal

Waste Disposal Methods:CONTACT YOUR LOCAL WASTE DIPOSAL OFFICER.DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGULATIONS. WARNING:DO NOT INCINERATE CLOSED CONTAINERS.

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