

DEFT CHEMICAL COATINGS -- 03-R-27 CATALYST,RED 31136,ISOCYANATE -- 8010-00-482-5653  
===== Product Identification =====

Product ID:03-R-27 CATALYST,RED 31136,ISOCYANATE

MSDS Date:01/01/1985

FSC:8010

NIIN:00-482-5653

Kit Part:Y

MSDS Number: BDZYX

=== Responsible Party ===

Company Name:DEFT CHEMICAL COATINGS

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Emergency Phone N

um:949-474-0400

CAGE:EO418

=== Contractor Identification ===

Company Name:DEFT CHEMICAL COATINGS

CAGE:EO418

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

===== Composition/Information on Ingredients =====

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 40.0%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DO

T Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 5.0%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 20.0%

OSHA PEL:S,100 PPM

ACGIH TLV:S, 5 PPM; 9192

Ingred Name:1,6-DIISOCYANATOHXANE (HEXAMETHYLENE DIISOCYANATE)

CAS:822-06-0

RTECS #:MO1740000

Fraction by Wt: 0.2%

ACGIH TLV:0.005 PPM; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:BIURET OF 1,6 HEXAMETHYLENE DIISOCYANATE(APPROX 34.8%)

Fraction by Wt: 34.8%

===== Hazards Identification =====

Effects of Overexposure:EYES:MODERATE IRRITATION;SKIN:POSSIBLE  
IRRITATION BY SOLVENT;INH:SOLVENT VAP CAN CAUSE IRRIT/NORCOS.

===== First Aid Measures =====

First Aid:SKIN:WIPE OFF WITH A RAG THEN THOROUGH RINSING W/H\*2O &  
WASHING W/MILD SOAP AND WATER;EYES:  
FLUSH W/WATER FOR AT LEAST 10  
MIN & CONSULT AN EYE PHYSICIAN;REMOVE TO FRESH AIR.GIVE CPR/OXY IF  
NEEDED.

===== Fire Fighting Measures =====

Flash Point:28F(-2.2C)-TOC

Lower Limits:1.7

Extinguishing Media:CARBON DIOXIDE,FOAM OR DRY CHEMICALS.

Fire Fighting Procedures:USE SELF-CNTND BRTHNG APP;CAN USE H\*2O  
SPRAY/FOG EFFECTIVLY.

Unusual Fire/Explosion Hazard:CAUTION AGAINST APPLICATION TO HOT  
SURFACES & USE IN AREAS WHERE SOURCES OF IGNITION MAY B

E PRESENT.

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS.ELIM IGN SOURCES;PROVIDE VENT & SAFETY EQUIPMENT.STOP LEAK W/O RISK;ABSORB SM SPILL W OIL ABSORBNG COMPD OR RAGS.PER MFR,FLUSH AREA W/LG AMT H\*2O;DIKE LG SPILL.PUMP LIQ IN TO SALVAGE TANK & SHOVEL UP RESIDUE IN CNTNR

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW

FIRE RISK AREA.KEEP CONTNRS TIGHTLY CLOSED.PROTCT FROM PHYSICAL DAMAGE.

Other Precautions:AVOID PROLONGED INHALATION OF VAPORS.IF VENTILATION IS POOR,A FRESH AIR SUPPLY MASK IS RECOMMENDED.AVOID PHYSICAL CONTACT.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR PAINT,LAQUER,ENAMEL & ORGAIC VAPOR.

Ventilation:ADEQUAT USING EXHAUST FAN.

Protective Gloves:NEOPRENE/RUBBER

Eye Protection:SAFETY/CHEM GOGGLE W/SHLD

Other Protective Equipment:USE CARTRIDGE TYPE RESPIRATOR W/PARTICULATE FILTERS.

Supplemental Safety and Health

TWO PART RESIN MODIFIED POLYURETHANE COATING;THIS DATA IS FOR CATALYST(COMPONENT II),TYPE I MATERIAL OF MIL-C-83286B;ALSO KNOWN AS "DEFTHANE CATALYST".KEY1:F3.

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

HCC:F2

Boiling Pt:B.P. Text:175-331F

Vapor Pres:30

Vapor Density:>1.0

Spec Gravity:0.915

Evaporation Rate & Reference: