

ITW DYKEM/ DYMON -- -8705, STEEL RED; DX-986, DX-296(80496), RED DL -- 6850-01-013-9937
===== Product Identification =====

Product ID:-8705, STEEL RED; DX-986, DX-296(80496), RED DL

MSDS Date:08/16/2000

FSC:6850

NIIN:01-013-9937

Status Code:A

MSDS Number: CKXXC

=== Responsible Party ===

Company Name:ITW DYKEM/ DYMON

Address:805 E. OLD 56 HWY

City:OLATHE

State:KS

ZIP:66061

Country:US

Info Phone Num

:800-443-9536

Emergency Phone Num:800-424-9300

Preparer's Name:WILLIAM ZUMDOME

Chemtrec Ind/Phone:(800)424-9300

CAGE:98148

=== Contractor Identification ===

Company Name:ITW DYKEM/ DYMON

Address:805 E OLD 56 HWY

Box:City:OLATHE

State:KS

ZIP:66061

Country:US

Phone:800-443-9536

CAGE:98148

Company Name:OMEGA ELECTRONICS

Address:95 HARTFORD AVE

Box:City:SAN CARLOS

State:CA

ZIP:94070

Country:US

Phone:650-591-2510

Contract Num:SP0413-01-M-0540

CAGE:7W657

===== Composition/Information on Ing

redients =====

Ingred Name:ETHANOL
CAS:64-17-5
RTECS #:KQ6300000
Minumum % Wt:30.
Maxumum % Wt:50.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9596

Ingred Name:BUTYL ACETATE (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Minumum % Wt:30.
Maxumum % Wt:50.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPANOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:1.
Maxumum
% Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:NITROCELLULOSE
CAS:9004-70-0
RTECS #:QW0970000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTANOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Minumum % Wt:1.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM,S, C
ACGIH TLV:S, C 50 PPM;
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DIACETONE ALCOHOL
CAS:123-42-2
RTECS #:SA910

0000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM; 9596

Ingred Name:PROPYL ACETATE
CAS:109-60-4
RTECS #:AJ3675000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/250STEL;9596

Ingred Name:SOLVENT RED 125
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE PROVIDED BY MFR.
Routes of Entry: Inhalation:YES Skin:YES
Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: MODERATE IRRITANT. SKIN:
MODERATE IRRITANT. INHALATION: HIGH CONCENRATION OF VAPORS MAY
PRODUCE IRRITATION OF THE RESPIRATORY TRACT. INGESTION: IRRITATION
OF GASTROINTESTINAL TRACT. CHRO NIC: PROLONGED REPEATED
OVEREXPOSURE TO THIS PRODUCT MAY LEAD TO SKIN SENSITIZATION OR
DERMATITIS.
Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY IARC, NTP,
OSHA.
Effects of Overexposure:EYES: MODERATE IRRITATION. SKIN: MODERATE
IRRITATION. SKIN ABSORPTION: MODERATE IRRITATION. INHALATION:
RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA.
INGESTION: NAUSEA AND VOMITING.

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

First Aid:ACUTE: EYE: FLUSH WELL WITH WATER. CONTACT A PHYSICIAN IF
IRRITATION PERSISTS. SKIN: WASH WITH SOAP AND WATER. INHALATION:
REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINIST

ER OXYGEN.

INGESTION : DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN. IF VOMITING OCCURS KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. CHRONIC: SKIN SENSITIZATION , DERMATITIS.

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

Flash Point Method:TCC

Flash Point:=11.7C, 53.F

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.40

Upper Limits:19.0

Extinguishing Media:CO2, DRY CHEMICAL, FOAM. DO NOT USE ALCOHOL FOAM OR WATER.

Fire Fight

ing Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR BE MOVED BY VENTILATION AND BE IGNITED BY DISTANT IGNITION SOURCE.

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. USE NON-COMBUSTIBLE MATERIAL TO CONFINE AND OR ABSORB. ELIMINATE IGNITION SOURCES. VENTILATE AREA.

Neut

ralizing Agent:NONE PROVIDED BY MFR.

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

Handling and Storage Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, SPARKS FLAMES, STATIC ELECTRICITY , OR OTHER SOURCES OF IGNITION. USE WITH ADEQUATE VENTILATION.

Other Precautions:MANY HOT ORGANIC VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDE

N SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERATURES BELOW THOSE PUBLISHED AS "AUTOIGNITION" OR "IGNITION" TEMPERAT URES. IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR VOLUME, AND VAPOR/ AIR (CONTD. SEE "OTHER INFORMATION)

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

Respiratory Protection:NONE REQUIRED FOR NORMAL USE WITH ADEQUATE VENTILATION. IN POORLY VENTILATED AREAS, USE NIOSH APPROVED ORGAINC VAPOR RESPIRA

TOR.
Ventilation:LOCAL EXHAUST RECOMMENDED FOR CONFINED AREAS. GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.
Protective Gloves:CHEMICAL RESISTANT RUBBER GLOVES (POLYVINYL CHLORIDE COATED).
Eye Protection:SAFETY GLASSES, SPLASH PROOF GOGGLES.
Other Protective Equipment:CHEMICAL RESISTANT PROTECTIVE GEAR AS REQUIRED TO MINIMIZE SKIN CONTACT. PROVIDE EYE BATH, SAFETY SHOWER.
Work Hygienic Practices:FOLLOW CURRENT H.M.I.S REGULATIONS.
Supplemental Safety and Health
FINISHED
GOODS: 2 OZ FELT TIP-80296. 8 OZ 3-B-I-C-80496, 5 GAL-81496, 4 OZ B-I-C-80396, 1 QUART-80696, 55 GAL-80996, 1 GAL-80796.

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

HCC:F2
Boiling Pt:>76.7C, 170.F
B.P. Text:170F-257F BOILING RANG
Melt/Freeze Pt:M.P/F.P Text:NONE PROVIDED BY MFR.
Decomp Temp:Decomp Text:NONE PROVIDED BY MFR.
Vapor Pres:NONE PROVIDED BY MFR.
Vapor Density:>1 (AIR=1)
Spec Gravity:0.85 (H2O=1)
pH:NONE PROVIDED
Viscosity:NONE PROVIDED BY MFR.
Evaporatio
n Rate & Reference:>1 (BUAC=1)
Solubility in Water:APPRECIABLE.
Appearance and Odor:RED TRANSPARENT LOW VISCOSITY LIQUID WITH SWEET SOLVENT ODOR.
Percent Volatiles by Volume:NONE PROVIDE
Corrosion Rate:NONE PROVIDED BY MFR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES.
Hazardous Decomposition Products:OXIDES OF CARBON.
Conditions to Avoid Poly

merization:WILL NOT OCCUR.

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

Toxicological Information:ORAL, RAT, LD50: BUTYL ACETATE, 14 G/KG; ETHANOL, 7,060 MG/KG; BUTANOL, 2,500 MG/KG; NITROCELLULOSE RESIN, >5,000 MG/KG; ISOPROPANOL, 5,045 MG/KG; PROPYL ACETATE, 9,370 MG/KG; DIACETONE ALCOHOL, ----- . DERMAL, RABBIT, LD50: BUTANOL, SLIGHT; PROPYL ACETATE, >20 GM/KG. INHALATION, LD50: BUTYL ACETATE, 20,000 PPM/ 10H; ETHANOL, 20,000 PPM/10H; BUTANOL, >8,000 PPM/ 4H.

===== Ecological Information =====

Ecological:CERCLA/ RCRA HAZARDOUS WASTE CODES: D001 (IGNITABILITY).

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

Waste Disposal Methods:REMOVE TO A WASTE DISPOSAL FACILITY OPERATING IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE CERCLA/ RCRA HAZARDOUS WASTE CODES: D001 (IGNITABILITY).

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

Transport Information:PROPER SHIPPING NAME: PAINT, CLASS 3, UN 1263, PKG I I (CONTAINERS < OR = 930 ML ARE ORM-D.

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

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