

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 Nu

m:800-443-9536

Emergency Phone Num:800-424-9300

Preparer's Name:WILLIAM ZUMDOME

Chemtec 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 In

gredients =====

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.

Maxumu

m % 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 #:SA91

00000
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

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===== 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 CONCENTRATION 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.

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===== 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, ADMINIS

TER 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.

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===== 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 Figh

ting 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.

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===== 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.

Neu

tralizing Agent:NONE PROVIDED BY MFR.

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===== 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 SUDD

EN 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)

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

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

ATOR.
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.
Evaporati
on 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 Pol

polymerization: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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