

ITW DYKEM/ DYMON -- 80400, STEEL BLUE LAYOUT FLUID, TRANSPARENT BLUE STAINING CO --  
6850-00-985-6227

===== Product Identification =====

Product ID:80400, STEEL BLUE LAYOUT FLUID, TRANSPARENT BLUE STAINING CO

MSDS Date:01/12/2001

FSC:6850

NIIN:00-985-6227

Status Code:A

MSDS Number: CLFVF

=== Responsible Party ===

Company Name:ITW DYKEM/ DYMON

Address:805 E. OLD 56 HWY

City:OLATHE

State:KS

ZIP:6606

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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:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-542-1042

Contract Num:SP0450-01-M-ZD26

CAGE:0TNN7

Company Name:ITW DYKEM/ DYMON

Address:805 E OLD 56 HWY

Box:City:OLATHE

State:KS

ZIP:66061

Country:US

Phone:800-443-9536

CA

GE:98148

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Composition/Information on Ingredients  
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Ingred Name: BUTYL ACETATE

CAS: 123-86-4

RTECS #: AF7350000

Minimum % Wt: 10.

Maximum % Wt: 30.

OSHA PEL: 710 MG/M3; 150 PPM

ACGIH TLV: 713 MG/M3; 150 PPM

ACGIH STEL: 950 MG/M3; 200 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Ingred Name: ETHANOL

CAS: 64-17-5

RTECS #: KQ6300000

Minimum % Wt: 30.

Maximum % Wt: 50.

OSHA PEL: 1900 MG/M3; 1000 PPM

ACGIH TLV: 1880 MG/M3; 1000 PPM

Ingred Name: 1-BUTANOL

CAS: 71-36-3

RTECS #: EO1400000

Minimum

% Wt: 1.

Maximum % Wt: 10.

OSHA PEL: 300 MG/M3; 100 PPM

ACGIH STEL: C152 MG/M3; C50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Ingred Name: NITROCELLULOSE

CAS: 9004-70-0

RTECS #: QW0970000

Minimum % Wt: 1.

Maximum % Wt: 5.

Ingred Name: ISOPROPANOL

CAS: 67-63-0

RTECS #: NT8050000

Minimum % Wt: 1.

Maximum % Wt: 5.

OSHA PEL: 980 MG/M3; 400 PPM

ACGIH TLV: 983 MG/M3; 400 PPM

ACGIH STEL: 1230 MG/M3; 500 PPM

Ingred Name: PROPYL ACETATE

CAS: 109-60-4

RTECS #: AJ3675000

Minimum % Wt: 1.

Maximum % Wt: 5.

OSHA PEL: 840 MG/M3;

200 PPM  
ACGIH TLV:835 MG/M3;200 PPM  
ACGIH STEL:1040 MG/M3;250 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: MODERATE IRRITANT. SKIN:  
MODERATE IRRITANT. INHALATION: HIGH CONCENTRATIONS OF VAPORS MAY  
PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS,  
AND NAUSEA. INGESTION: SIMILAR TO INHALATION.  
CHRONIC: PROLONGED  
REPEATED OVEREXPOSURE TO THIS PRODUCT MAY LEAD TO SKIN  
SENSITIZATION OR DERMATITIS.  
Effects of Overexposure:INHALATION: HIGH CONCENTRATIONS OF VAPORS MAY  
PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS  
AND NAUSEA. SKIN AND EYE CONTACT: MODERATE IRRITATION. SKIN  
ABSORPTION: MODERATE IRRITANT . INGESTION: NAUSEA AND VOMITING. DO  
NOT INDUCE VOMITING. IF VOMITING OCCURS KEEP HEAD BELOW HIPS TO  
PREVENT ASPIRATION OF LIQUID INTO LUNGS. C  
ALL A PHYSICIAN  
IMMEDIATELY.

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

First Aid:EYES: FLUSH WELL WITH WATER. CONTACT A PHYSICIAN IF  
IRRITATION PERSISTS. SKIN: WASH WITH SOAP AND WATER. INHALATION:  
REMOVE PATIENT TO FRESH AIR. CONTACT A PHYSICIAN. INGESTION: DO NOT  
INDUCE VOMITING . CONTACT A PHYSICIAN. IF VOMITING OCCURS, KEEP  
HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

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

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Flash Point:=11.7C, 53.F  
Lower Limits:1.40  
Upper Limits:19.0%  
Extinguishing Media:CO2, DRY CHEMICAL, FOAM.  
Fire Fighting 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  
IGNITION SOURCES.

===== 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.

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

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

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Other Precautions:WARNING! MANY HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED W/ AIR. IGNITION MAY OCCUR AT TEMPERATURES BELOW THOSE PUBLISHED IN THE LITERATURE AS "AUTOIGNITION" OR "IGNITION" TEMPERATURES. IGNITION TEMPERATURES DECREASE W/ INCREASING VAPOR VOLUME & VAPOR/AIR CONTACT

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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 ORGANIC VAPOR RESPIRATOR.

Ventilation:LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:CHEMICAL RESISTANT GLOVES, SUCH AS POLYVINYL CHLORIDE-COATED

Eye Protection:SAFETY GLASSES, SPLASH PROOF GOGGLES.

Other Protective Equipment:PROTECTIVE GEAR AS REQUIRED TO MINIMIZE SKIN CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:FOLLOW CURRENT H.M.I.S. REGULATIONS.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:170F - 257F

Vapor Density:>1

Spec Gravity:0.85

Evaporation Rate & Reference:>1

Solubility in Water:APPRECIABLE

Appearance and Odor:TRANSPARENT BLUE LOW VISCOSITY LIQUID WITH SWEET SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability

ty Condition to Avoid:HEAT, SPARKS, AND OPEN FLAME.

Hazardous Decomposition Products:OXIDES OF CARBON

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ORAL LD50 (RAT)- BUTYL ACETATE 14 G/KG,  
ETHANOL 7060 MG/KG, BUTANOL 2500 MG/KG, NITROCELLULOSE RESIN >5000  
MG/KG, ISOPROPANOL 5045 MG/KG, PROPYL ACETATE 9370 MG/KG. DERMAL  
LD50 (RABBIT)- BUTANOL SLIG HT, PROPYL ACETATE >20 GM/KG.

INHA

LATION LD50- BUTYL ACETATE 20000 PPM/10H, ETHANOL 20000  
PPM/10H, BUTANOL >8000 PPM/4H.

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

Waste Disposal Methods:REMOVE TO A WASTE DISPOSAL FACILITY OPERATING IN  
COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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

Transport Information:PROPER SHIPPING NAME: PAINT, 3, UN1263, PG II  
(CONTAINERS