

MULTIGRAPHICS -- DEGLAZING SOLVENT -- 6850-01-073-0659

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

Product ID:DEGLAZING SOLVENT

MSDS Date:05/01/1992

FSC:6850

NIIN:01-073-0659

MSDS Number: BRKTR

=== Responsible Party ===

Company Name:MULTIGRAPHICS

Address:1800 W CENTRAL ROAD

City:MT.PROSPECT

State:IL

ZIP:60056-2293

Country:US

Info Phone Num:708-870-5121

Emergency Phone Num:708-870-5121 (DAY) 398-1900 (NIGHT

)

CAGE:09177

=== Contractor Identification ===

Company Name:AM MULTIGRAPHICS

Address:4301 W. BROAD STREET

Box:City:RICHMOND

State:VA

ZIP:23230-3394

Country:US

Phone:804-353-0111

CAGE:1A714

Company Name:AM MULTIGRAPHICS DIV OF AM INTL INC

Address:431 LAKEVIEW CT

Box:City:MOUNT PROSPECT

State:IL

ZIP:60056-6048

Country:US

Phone:847-375-1700

CAGE:09177

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RT

ECS #:KJ2975000  
Fraction by Wt: 96%  
OSHA PEL:350 PPM/450 STEL  
ACGIH TLV:350 PPM/450STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:2-METHYL-2-PROPANOL  
CAS:75-65-0  
RTECS #:EO1925000  
Fraction by Wt: 2-4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100PPM 9394

Ingred Name:DIMETHOXYMETHANE  
CAS:109-87-5  
RTECS #:PA8750000  
Fraction by Wt: 2-4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM

=====  
Hazard 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: EYE IRRITANT. SKIN: MILDLY  
IRRITATING TO SKIN. INHALE: SLIGHTLY TOXIC, ANESTHETIC EFFECTS MAY  
OCCUR IN RANGES OF 1000PPM. INGESTION: NOT SIGNIFICANTLY TOXIC.  
Explanation of Carcinogenicity:NOT FOUND IN IARC, NTP OR OSHA.  
Effects of Overexposure:SKIN: WILL DEFAT SKIN.  
Medical Cond Aggravated by Expo  
sure:INCREASED SENSITIVITY TO ADRENALINE  
MAY BE CAUSED BY OVEREXPOSURE.

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

First Aid:EYE: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER. SKIN:  
WASH WITH SOAP AND WATER PROMPTLY. INHALATION: REMOVE TO FRESH AIR.  
IF NOT BREATHING, GIVE CPR. IF BREATHING IS HARD, GIVE OXYGEN. CALL  
DOCTOR. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR USP  
MINERAL OIL; GO TO EMERGENCY ROOM..

=====  
Fire Fight

ing Measures =====

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:7

Upper Limits:15

Extinguishing Media:WATER, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS FOR POSSIBLE EXPOSURE TO HYDROGEN CHLORIDE & POSSIBLE TRACES OF PHOSGENE.

Unusual Fire/Explosion Hazard:VAPORS CAN BE IGNITED UPON CONTACT WITH HIGH ENERGY, SPARK, FLAME, OE HIGH HEAT. DECOMPOSITION CAN PRODUCE H YDROGEN CHLORIDE OR POSSIBLE TRACES OF PHOSGENE.

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

Spill Release Procedures:SPILL-WIPE WITH RAGS OR TOWELS. DO NOT POUR DOWN DRAIN.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT USE WITH OR ON ALUMINUM PARTS.

Other Precautions:READ AND FOLLOW DIRECTIONS ON LABEL. DO NOT REUSE

CONTAINER. FOR COMMERCIAL/INDUSTRIAL USE ONLY. KEEP FROM REACH OF CHILDREN.

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

Respiratory Protection:IN HIGH VAPOR AREA, USE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.

Ventilation:LOCAL EXHAUST: ONLY TO REMAIN BELOW 50% OF TLV.

Protective Gloves:NITRILE NBR GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:APRON TO PREVENT ABSORPTION ON TO CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health  
NONE

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

HCC:T4

Boiling Pt:B.P. Text:154F/68C

Vapor Pres:120 MMHG

Vapor Density:4.54

Spec Gravity:1.31

Evaporation Rate & Reference:0.35 (ETHYL ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH ETHEREAL ODOR.

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

Stability Indicator/Materials to Avoid:YE

S

CAUSTICS, OXIDIZERS & ALUMINUM.

Stability Condition to Avoid:OPEN FLAME, HOT GLOWING SURFACES, OR  
ELECTRIC ARCS.

Hazardous Decomposition Products:HYDROGEN CHLORIDE & POSSIBLE TRACES OF  
PHOSGENE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by  
elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.