

MULTIGRAPHICS,AM INTERNATIONAL INC -- MULTILITH DEGLAZING SOLVENT -- 6850-00-821-8882  
===== Product Identification =====

Product ID: MULTILITH DEGLAZING SOLVENT

MSDS Date: 02/01/1988

FSC: 6850

NIIN: 00-821-8882

MSDS Number: BFQVF

=== Responsible Party ===

Company Name: MULTIGRAPHICS,AM INTERNATIONAL INC

Address: 1800 W CENTRAL RD

City: MT. PROSPECT

State: IL

ZIP: 60056

Country: US

Info Phone Num: 312-870-512

1

Emergency Phone Num: (312) 870-5121; (312) 398-1900 (NIGHT)

CAGE: MO036

=== Contractor Identification ===

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

Company Name: MULTIGRAPHICS,AM INTERNATIONAL INC

Address: 1800 W CENTRAL RD

Box: City: MT. PROSPECT

State: IL

ZIP: 60056

Country: US

Phone: 312-870-5121

CAGE: MO036

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

Ingred N

ame:METHYLENE CHLORIDE  
CAS:75-09-2  
RTECS #:PA8050000  
Fraction by Wt: 100%  
OSHA PEL:500 PPM/C,1000; Z2  
ACGIH TLV:50 PPM, A2; 8990  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-METHYLENE CL IS STORED IN BODY  
FAT & METABOLIZED TO CO WHICH REDUCES OXYGEN CARRYING CAPACITY OF  
B  
LOOD.EYE:EXTREME PAIN.SKIN:PROLONGED/REPEATED CONTACT WILL DEFAT &  
MAY CAUSE IRRITATION & DERMATITIS.INHALE:STRONG NARCOTIC  
EFFECT.ORAL:STOMACH DISCOMFORT.CAN CAUSE KIDNEY  
DAMAGE.CHRONIC-DERMATITIS.  
Explanation of Carcinogenicity:CONTAINS:DICHLOROMETHANE (METHYLENE  
CHLORIDE) WHICH IS POSSIBLY CARCINOGENIC TO HUMAN.  
Effects of Overexposure:METHYLENE CL IS STORED IN BODY FAT &  
METABOLIZED TO CO WHICH REDUCES OXYGEN CARRYING CAPACITY OF BLOOD.  
EXTREME EYE PAIN. PROLONGED/RE  
PEATED SKIN CONTACT WILL DEFAT & MAY  
CAUSE IRRITATION & DERMATITIS . INHALATION HAS STRONG NARCOTIC  
EFFECT. ORALLY CAUSES STOMACH DISCOMFORT. CAN CAUSE KIDNEY DAMAGE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE  
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP  
& WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS  
OPEN  
.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF  
NEEDED.ORAL:DO NOT IN DUCE VOMITING.IF VOMITING OCCURS,KEEP HEAD  
BELOW HIPS DUE TO ASPIRATION HAZARD.TAKE TO HOSPITAL EMERGENCY  
ROOM.

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

Flash Point Method:TCC  
Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:NONE  
Lower Limits:12  
Upper Limits:19  
Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDING FIRES. COOL FIRE  
EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:OPEN FLAME CAN PRODUCE PHOSGENE AND HYDROGEN CHLORIDE. CONTAINER MAY RUPTURE VIOLENTLY DURING A FIRE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. REMOVE ALL HEAT AND IGNITION. SMALL SPILLS- WIPE WITH RAGS AND TOWELS. LARGE SPILLS- EVAPORATES RAPIDLY. DO NOT POUR DOWN DRAIN.

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

Handling and Storage Precautions:STORE IN COOL,WELL-VENTILATED AREA.KEEP CONTAINER CLOSED.  
Other Precautions:AVOID BREATHING VAPORS OR MISTS. AVOID EYE OR SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE OR SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE .

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

Protective Gloves:POLYETHYLENE

Eye Protection:SAFETY GLASSES/FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING, EYE-WASH FACILITIES, EMERGENCY SHOWER, APRON

Work Hygienic Practices:OB

SERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:104F,40C

Vapor Pres:355

Vapor Density:2.93

Spec Gravity:1.320

Evaporation Rate & Reference:14.50 (N-BUTYL ACETATE=1)

Solubility in Water:2% @ 25C

Appearance and Odor:CLEAR LIQUID - DISTINCT ODOR.

Percent Volatiles by Volume:100.

===== Stability and R

activity Data =====

Stability Indicator/Materials to Avoid: YES

WILL DISSOLVE PAINTS & SYNTHETIC GARMENTS. AVOID METHYL-N-NITROSO-UREA,  
KOH, K TER-BUTOXIDE, NA & K ALLOY, AL & MG

Stability Condition to Avoid: FLAME

Hazardous Decomposition Products: MAY FORM PHOSGENE AND HCL.

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

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

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