

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-

5121

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 =====

Ingre

d Name: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

=====
===== 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

BLOOD.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

/REPEATED 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.

=====
===== 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
O

PEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF
NEEDED.ORAL:DO NOT INDUCE VOMITING.IF VOMITING OCCURS,KEEP HEAD
BELOW HIPS DUE TO ASPIRATION HAZARD.TAKE TO HOSPITAL EMERGENCY
ROOM.

=====
===== 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 SPR

AY.

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

:OBSERVE 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

d Reactivity 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.

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.