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MULTIGRAPHICS DIVISION; AM INTERNATIONAL, INC. -- DEGLAZING SOLV. #S 83-0-105532, 83-9-105533 -- 6850-00-201-1269

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

Product ID:DEGLAZING SOLV. #S 83-0-105532, 83-9-105533

MSDS Date:04/01/1989

FSC:6850

NIIN:00-201-1269

MSDS Number: BJMBQ

=== Responsible Party ===

Company Name:MULTIGRAPHICS DIVISION; AM INTERNATIONAL, INC.

Address:1800 WEST CENTRAL ROAD

City:MT.PROSP

ECT

State:IL

ZIP:60056-2293

Country:US

Info Phone Num:312-870-5121

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

Preparer's Name:NORMAN J. ENGLBRECHT

CAGE:19787

=== 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 DIV OF ADDRESSOGRAPH MULTIGRAPHICS

Address:1800 W CENTRAL RD

City:MT PROSPECT

State:IL

ZIP:60056-2293

Coun

try:US

CAGE:19787

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

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

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 96%

Other REC Limits:NONE SPECIFIED

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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE IRRITANT, MILDLY IRRITATING TO SKIN, WILL DEFAT SKIN. SLIGHTLY TOXIC, ANASTHETHIC EFFECTS MAY OCCUR IN RANGES OF 1000 PPM IF INHALED. NOT SIGNIFICANTLY TOXIC IF INGESTED.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:INCREASED SENSITIVITY TO ADRENALIN

MAY BE CAUSED BY OVEREXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE MILK OR USP MINERAL OIL. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:7

Upper Limits:15

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT FOR POSSIBLE EXPOSURE TO HYDROGEN CHLORIDE AND POSSIBLE TRACES OF PHOSGENE.

Unusual Fire/Explosion Hazard:VAPORS CONCENTRATED IN A CONFINED OR POORLY

VENTILATED AREA CAN BE IGNITED UPON CONTACT WITH A HIGH ENERGY SPARK, FLAME, OR HIGH HEAT SOURCE.

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

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH TOWELS OR RAGS. LARGE SPILL: WEAR SUITABLE MASK - EVAPORATES RAPIDLY. DO NOT POUR DOWN DRAIN.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENT

ILATED

AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:READ AND FOLLOW DIRECTIONS ON LABEL. DO NOT REUSE CONTAINER. DO NOT USE WITH ALUMINUM.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

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

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GLASSES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:N1

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

Vapor Pres:120

Vapor Density:4.54

Spec Gravity:1.31

Evaporation Rate & Reference:0.35 (BUTYL ACETATE= 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR COLORLESS LIQUID WITH ETHERAL ODOR.

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

Stabi

lity Indicator/Materials to Avoid:YES

CAUSTICS, OXIDIZERS AND ALUMINUM.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:HYDROGEN CHLORIDE AND POSSIBLE TRACE
OF PHOSGENE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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