

AM MULTIGRAPHICS -- DEGLAZING SOLVENT,83-0-105532/83-9-105533,83-7-788001 --
6850-00-821-8882

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

Product ID:DEGLAZING SOLVENT,83-0-105532/83-9-105533,83-7-788001

MSDS Date:11/03/1994

FSC:6850

NIIN:00-821-8882

MSDS Number: BXVPV

=== Responsible Party ===

Company Name:AM MULTIGRAPHICS

Address:1800 W CENTRAL ROAD

City:MOUNT PROSPECT

State:IL

ZIP:60056

Country:US

Info P

hone Num:708-870-5121

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

CAGE:0FTL5

=== Contractor Identification ===

Company Name:AM MULTIGRAPHICS

Address:1800 WEST CENTRAL ROAD

City:MT. PROSPECT

State:IL

ZIP:60056

Country:US

Phone:708-5121/ EVEN 708-398-1900

CAGE:0FTL5

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 =====

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Ingred Name:TRICHLOROETHYLENE (SARA 313) (CERCLA)
CAS:79-01-6
RTECS #:KX4550000
Fraction by Wt: >99%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM; Z-2
ACGIH TLV:50 PPM/100STEL,A5;95
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS:12.2 LBS/GAL.
RTECS #:9999999VC
Other REC Limits:NOT RELEVANT
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL
, MOUSE) 2402 MG/KG (RTECS)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS, CVS,
LUNGS, GI TRACT. ACUTE- INHALATION MAY CAUSE CNS DEPRESSION,
UNCONSCIOUSNESS & DEATH. IF SPLASHED INTO EYES, CAN RESULT IN PAIN.
SKIN CONTACT CAN CAUSE DEFATTING & IRRITATION. IF INGESTED, CAN
ACT AS INHALATION. ASPIRATION HAZARD. CHRONIC- MAY CAUSE LIVER &
KIDNEY DAMAGE, DE
RMATITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, DIZZINESS, HEADACHE, NAUSEA,
VOMITING, LOSS OF COORDINATION AND EQUILIBRIUM, UNCONSCIOUSNESS,
DEATH, PAIN, VENTICULAR FIBRILATION
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS,
HEART, CENTRAL NERVOUS SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO
THE TOXICITY OF EXCESSIVE EXPOSURES.

===== 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 INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:7.8%

Upper Limits:52%

Extinguishing Media:WATER, CARBON DIOXIDE OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

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:CONCENTRATED VAPORS CAN BE IGNITED BY

HIGH INTENSITY HEAT SOURCE OR FLAME. TOXIC AND CORROSIVE GASES ARE FORMED ON CONTACT WITH FLAMES OR HOT GLOWING SURFACES.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. PICK UP SPILL WITH ABSORBENT MATERIAL SUCH AS RAGS, TOWELS, SAWDUST OR VERMICULITE. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL. AVOID CONTAMINATING ENVIRONMENTS. DO NOT FLUSH TO SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY FROM HIGH HEAT, FLAMES, GLOWING SURFACES AND INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED. AVOID ALUMINUM CONTACT

Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES AND SKIN. VAPORS HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. DO NOT ENTER SUCH AREAS UNLESS

SPECIAL BREATHING APPARATUS IS USED.

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

Respiratory Protection:IF TLV IS EXCEEDED OR IN EVENT OF A SPILL, WEAR NIOSH APPROVED RESPIRATORY EQUIPMENT FOR ORGANIC VAPOR. USE SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE DEMAND MODE FOR WORK PERFORMED IN CO NFINED PLACES. REFER TO 29 CFR 1910.134.

Ventilation:USE LOCAL EXHAUST OR DILUTION VENTILATION AS APPROPRIATE TO CONTROL EXPOSURE TO BELOW PERMISSIBLE LI
MITS.

Protective Gloves:VITON OR PVA

Eye Protection:SPLASH PROOF GOGGLES

Other Protective Equipment:BOOTS, APRON OR CHEMICAL SUITS TO MINIMIZE EXPOSURE. EYE WASH STATION & SAFETY SHOWER

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NOTE TO PHYSICIAN: NEVER ADMINISTER ADRENALINE FOLLOWING TRICHLOROETHYLENE OVER EXPOSURE. INCREASED SENSITIVITY OF THE HEART TO ADRENALINE MAY BE CAUSED BY OVERE
XPOSURE TO TRICHLOROETHYLENE.

FORMULA C HANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B, SAME NSN.

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:188F,87C

Melt/Freeze Pt:M.P/F.P Text:-124F,-86C

Vapor Pres:57.8 @ 68F

Vapor Density:4.54

Spec Gravity:1.465

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:0.28 (ETHYL ETHER = 1)

Solubility in Water:0.11% (NEGLIGIBLE)

Appearance and Odor:CLEAR, COLORLES

S LIQUID WITH ETHER-LIKE ODOR

Percent Volatiles by Volume:>99

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES (CAUSTIC SODA, POTASH), OXIDIZERS

Stability Condition to Avoid:OPEN FLAMES, ELECTRICAL ARCS, HOT GLOWING SURFACES

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, HYDROCHLORIC ACID, PHOSGENE AND CHLORINE.

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

Waste Disposal Methods:MATERIAL MAY BE DISPOSED OF BY A LICENSED RECLAIMER. COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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