

9603

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : GRAPHIC ARTS SPECIALTIES, INC.
8015 N. Wisner St. EMERGENCY PHONE.....: 312-823-8427
PREPARER/CONTACT: AJG Niles IL 60648
PREPARATION/REVISION DATE: 12/19/86

LOCATION : Niles

TRADE NAME/SYNONYMS...: TYPE WASH 717
CHEMICAL NAME/SYNONYMS: Solvent
CHEMICAL FAMILY.....: NOT APPLICABLE
FORMULA.....: NOT APPLICABLE
PRODUCT CODE.....: NOT APPLICABLE

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

* HEALTH..... 2 *
* FLAMMABILITY.. 3 *
* REACTIVITY.... 0 *
* PROTECTION.... B *
* *

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Acetone	67-64-1	>9	N/A	750 ppm
Methanol	67-56-1	>4	N/A	200 ppm
Toluene	108-88-3	>9	N/A	100 ppm

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-

INHALING: Anesthetic. Irritates respiratory tract. May cause serious nervous system depression. May cause damage to kidneys, blood, liver & lungs. Absorption thru skin increases exposure. Repeated exposure over TLV may cause blindness.

SKIN CONTACT: Primary irritation, defatting, dermatitis.

EYE CONTACT: Primary irritation, redness, tearing, blurred vision.

SWALLOWING: Vapor harmful. Breathing of vapors may cause irritation. May be fatal or cause blindness if swallowed. Cannot be made non-poisonous

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

PRIMARY ROUTES OF ENTRY-

Inhalation of vapor, ingestion, eye & skin contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

Existing medical conditions may be aggravated by exposure to this product.

EMERGENCY FIRST AID PROCEDURES-

In case of contact with skin, flush with plenty of water. For eyes, flush with plenty of water for 15 minutes and get medical attention. After high vapor exposure, remove to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration.

POISON

CALL A PHYSICIAN

If swallowed induce vomiting promptly according to physicians instructions or by having patient stick finger down throat. After vomiting has been induced, give 2 teaspoonsful of baking soda in a glass of water. Never give anything by mouth to unconscious person. Have patient lie down and keep warm. Cover eyes to exclude light.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: 131	SPECIFIC GRAVITY (WATER=1).....: 0.811
VAPOR PRESSURE (mmHg): 96.8	PERCENT VOLATILE BY VOLUME (%): 100
VAPOR DENSITY (AIR=1): 2.2	EVAPORATION RATE (Ether =1): 3.1

SOLUBILITY IN WATER-

Appreciable

APPEARANCE AND ODOR INFORMATION-

Clear, Pink colored with Ketone odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): 5 F TCC FLAMMABLE LIMITS : Lel=3.0 UEL=N/A

EXTINGUISHING MEDIA-

NFPA Class B extinguishers (CO2 or foam) for Class 1B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES-

Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Use fog nozzles if water is used. Use air-supplied breathing mask.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

EXTREMELY FLAMMABLE! Keep container tightly closed. Isolate from oxidizers, heat, sparks, electric equipment and open flame. Closed containers may explode if exposed to extreme heat. Do not apply to hot surfaces.

COMPATIBILITY (Materials To Avoid)-
Isolate from strong oxidizers such as permanganate.

HAZARDOUS DECOMPOSITION PRODUCTS-
Carbon monoxide from burning.

WILL HAZARDOUS POLYMERIZATION OCCUR-
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-
None.

IS THE PRODUCT STABLE-
Stable

CONDITIONS TO AVOID FOR STABILITY-
Isolate from heat, sparks, electrical equipment & open flame.

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-
Small: Mop up with absorbent material and transfer to hood.
Large: Isolate from oxidizers, heat, sparks, electric equipment and open flame
Persons without proper protection should be kept from area until cleaned up. Stop spill at source. Dike area to prevent spread. Pump liquid to salvage tank. Remainder may be taken up on absorbent material & shoveled into containers.

WASTE DISPOSAL METHODS-
Small: Evaporate until all vapors are gone. Dispose of remainder by legally applicable methods.
Large: Recycle or incinerate observing local, state & federal health, safety & pollution laws.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-
LOCAL EXHAUST: Preferable, MECHANICAL (General): Acceptable
SPECIAL.....: None OTHER.....: None

RESPIRATORY PROTECTION-
Ventillate to keep air below 120 ppm. If over TLV, use self-contained air pack approved by NIOSH/MSHA. Consult safety equipment supplier.

PROTECTIVE GLOVES-
Recommended. Must be impervious to solvents.

OTHER PROTECTIVE EQUIPMENT-
Standard chemical splash goggles are advised. To prevent contact with skin, wear impervious clothing and boots. Consult safety equipment supplier.

OTHER ENGINEERING CONTROLS-
N/A

WORK PRACTICES-
Keep work area clean and neat.

HYGIENIC PRACTICES-
Avoid personal contact.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-
Vapors may ignite explosively. Vapors may spread long distances. Prevent vapor build-up. Put out pilot lights and turn off ignition sources during use and until all vapors are gone.
Do not store about 120 F. Store large amounts in structures made for OSHA Class 1B liquids.

MAINTENANCE PRECAUTIONS-
Avoid free fall of liquid. Ground containers when pouring.

OTHER PRECAUTIONS-
Do not flame cut, saw, braze or weld. Empty container hazardous.

ADDITIONAL COMMENTS-
Continue all label precautions.