

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: SIA ADHESIVES, INC. Information Phone: (330) 374-2786
 123 WEST BARTGES ST. Emergency Phone: (330) 374-2900
 DEPARTMENT 1932/1904 CHEMTREC Phone: (800) 424-9300
 AKRON OH 44311

Product Class: SOLVENT PRIMER ! Hazard Ratings: Health - 2
 Trade Name : A-1167-B ! none -> extreme Fire - 3
 Product Code : 2771390 ! 0 ---> 4 Reactivity - 0
 C.A.S. Number: N/AP !
 Prepared By : MICHAEL T. EBERHART
 Title : MANAGER ENVIRONMENTAL AFFAIRS

SECTION II - HAZARDOUS INGREDIENTS

| Ingredients | CAS # | Weight % | Exposure Limits ACGIH/TLV | OSHA/PEL | VP mm HG |
|-------------------------|----------|----------|---------------------------|----------|----------|
| METHYL ETHYL KETONE | 78-93-3 | 35. | 200 ppm | 200 ppm | 70.6 |
| | | | STEL = 300 ppm | 300 ppm | |
| TOLUENE (SKIN) | 108-88-3 | 40. | 50 ppm | 100 ppm | 22.1 |
| | | | STEL = | 150 ppm | |
| 2-METHOXYETHANOL (SKIN) | 109-86-4 | 15. | 5 ppm | 25 ppm | 3.8 |
| POLYSILOXANE | 919-30-2 | 10. | 0 ppm | 0 ppm | 0 |

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory.

SECTION III - PHYSICAL DATA

Boiling Range: 175 - 257 Deg. F Vapor Density: Heavier than Air.
 Evap. Rate: Faster than n-Butyl Acetate Liquid Density: Lighter than Water.
 Volatiles vol % 92 Wgt% 91 Wgt per gallon: 7.18 Pounds.
 Spec. Gravity: 0.86194

Appearance:
 V.O.C.: 775 G/L

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: 1B Flash Point: 20 F TCC LEL: 1.40% UEL: 15.00%

-EXTINGUISHING MEDIA:

WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL.

-SPECIAL FIREFIGHTING PROCEDURES:

DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.

-UNUSUAL FIRE & EXPLOSION HAZARDS:

VAPORS MAY BUILD UP IN POORLY VENTILATED AREAS AND BE IGNITED, CAUSING FLASH FIRES OR EXPLOSIONS. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND OR FLOOR TO SOURCE OF IGNITION, CAUSING FLASH FIRES OR EXPLOSIONS.

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SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:
SEE SECTION II

-EFFECTS OF OVEREXPOSURE:

INHALATION: NOSE AND THROAT IRRITATION HEADACHE, NAUSEA, LOSS OF COORDINATION, DIZZINESS, UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.

SKIN CONTACT: MAY CAUSE DEFATTING OR DERMATITIS.

EYE CONTACT: MAY CAUSE IRRITATION, OR CORNEAL CLOUDING.

INGESTION: ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS

CHRONIC EFFECTS OF OVER EXPOSURE: MAY CAUSE DEFATTING AND DERMATITIS. MAY CAUSE KIDNEY OR LIVER DAMAGE.

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

OVER-EXPOSURE HAS BEEN SUGGESTED AS A CAUSE OF FOLLOWING EFFECTS LIVER ABNORMALITIES, KIDNEY DAMAGE, CENTRAL NERVOUS SYSTEM DAMAGE

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

-FIRST AID:

INHALATION: REMOVE TO FRESH AIR, IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH, IF BREATHING DIFFICULT GIVE OXYGEN, CALL A PHYSICIAN AT ONCE.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER.

EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN (HOLD EYE LIDS OPEN) LONGER IF THERE IS INDICATION OF RESIDUAL MATERIAL IN EYE.

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

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SECTION VI - REACTIVITY DATA

STABILITY: [] Unstable [x] Stable

HAZARDOUS POLYMERIZATION: [] May occur [x] Will not occur

-INCOMPATIBILITY:

STRONG OXIDIZING AGENTS.

-CONDITIONS TO AVOID:

SEE ABOVE.

-HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, ALIPHATICS, AND OTHERS.

SECTION VII - SPILL OR LEAK PROCEDURES

- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
ELIMINATE ALL IGNITION SOURCES, PROVIDE ADEQUATE VENTILATION, AVOID BREATHING VAPORS, AVOID EYE AND SKIN CONTACT. WIPE UP WITH RAGS,PAPER OR OTHER ABSORBENT.PLACE IN SUITABLE CLOSED CONTAINERS FOR DISPOSAL.
- WASTE DISPOSAL METHOD:
THIS MATERIAL IF DISCARDED, IS HAZARDOUS AND MUST BE PROPERLY STORED,TRANSPORTED,AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION:

- RESPIRATORY PROTECTION:
FOR AIR CONTAMINANTS ABOVE TLV OR PERMISSIBLE LIMITS USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS.
- VENTILATION:
LOCAL EXHAUST TO KEEP VAPORS BELOW TLV OR PERMISSIBLE LIMITS.
- PROTECTIVE GLOVES:
IMPERVIOUS.
- EYE PROTECTION:
CHEMICAL GOGGLES.
- OTHER PROTECTIVE EQUIPMENT:
EYE WASH AND SAFETY SHOWER

SECTION IX - SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
USE ONLY IN A WELL VENTILATED AREA. ELIMINATE ALL SOURCES OF IGNITION SUCH AS SPARKS,FLAMES ,AND NON-EXPLOSION PROOF DEVICES. AVOID PROLONGED OR REPEATED SKIN CONTACT OR BREATHING OF VAPORS. FOR INDUSTRIAL USE ONLY,KEEP OUT OF THE REACH OF CHILDREN. STORE IN TIGHTLY CLOSED CONTAINERS, IN A COOL DRY PLACE,AWAY FROM ALL SOURCES OF IGNITION AND HEAT. LARGE CONTAINERS SHOULD BE GROUNDED AND INTERCONNECTED TO PREVENT STATIC BUILD UP DURING TRANSFER OPERATIONS. EMPTY CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS SINCE THEY MAY CONTAIN RESIDUAL LIQUID,VAPORS OR DUST.
- OTHER PRECAUTIONS:
IN ADDITION TO ANY LISTED PRECAUTIONS,YOU SHOULD CONSULT YOUR OCCUPATIONAL SAFETY AND HEALTH SPECIALIST TO INSURE THAT THE HANDLING PROCEDURES WILL BE ADEQUATE AND IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS.

DISCLAIMER OF LIABILITY: THE INFORMATION CONTAINED HEREIN IS BASED ON DATA TAKEN FROM SOURCES BELIEVED TO BE BOTH CURRENT AND RELIABLE AT THE TIME OF PUBLICATION. SIA ADHESIVES, INC. HOWEVER MAKES NO WARRANTIES EXPRESS OR IMPLIED, AS TO ITS ACCURACY AND ASSUMES NO LIABILITY ARISING FROM ITS USE BY OTHERS. COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS REMAINS THE RESPONSIBILITY OF THE USERS.

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SECTION X - ADDITIONAL REGULATORY INFORMATION

-SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372:

| CAS# | Chemical Name | Percent by Weight |
|----------|-------------------------|-------------------|
| 78-93-3 | METHYL ETHYL KETONE | < 50. |
| 108-88-3 | TOLUENE (SKIN) | < 50. |
| 109-86-4 | 2-METHOXYETHANOL (SKIN) | < 20. |

-PROP 65 (CARCINOGEN):

WARNING: This product contains a chemical known to the state of California to cause cancer.

| CAS# | Chemical Name |
|------|---------------|
| | None |

PRODUCT MAY CONTAIN TRACE AMOUNTS OF CALIFORNIA PROPOSITION 65 LISTED CHEMICALS.

-PROP 65 (TERATOGEN):

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

| CAS# | Chemical Name |
|----------|-------------------------|
| 108-88-3 | TOLUENE (SKIN) |
| 109-86-4 | 2-METHOXYETHANOL (SKIN) |

-PROP 65 (BOTH CARCINOGEN AND TERATOGEN):

WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm

| CAS# | Chemical Name |
|------|---------------|
| | None |