

## 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 ADHESIVE ! Hazard Ratings: Health - 1  
 Trade Name : R-888-T ! none -> extreme Fire - 3  
 Product Code : 2703100 ! 0 ----> 4 Reactivity - 0  
 C.A.S. Number: NA !  
 Prepared By : MICHAEL EBERHART  
 Title : MANAGER ENVIRONMENTAL AFFAIRS

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Weight %	Exposure Limits			VP mm HG
			ACGIH/TLV	OSHA/PEL		
N-HEXANE	110-54-3	15.	50 ppm	50 ppm	119	
TOLUENE (SKIN)	108-88-3	< 5.	50 ppm	100 ppm	22.1	
		STEL =		150 ppm		
CYCLOHEXANE	110-82-7	< 5.	300 ppm	300 ppm	0	
PETROLEUM DISTILLATE	64742-89-8	40.	400 ppm	500 ppm	200	

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

## SECTION III - PHYSICAL DATA

Boiling Range: 151 - 530 Deg. F Vapor Density: Heavier than Air.  
 Evap. Rate: 9. x n-Butyl Acetate Liquid Density: Lighter than Water.  
 Volatiles vol % 68 Wgt% 70 Wgt per gallon: 6.55 Pounds.  
 Spec. Gravity: 0.78631

Appearance: RED VISCOUS LIQ. W/ A SWEET ODOR.  
 V.O.C.: 491 G/L

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: 1B Flash Point: <0 F LEL: 1.3 UEL: 8.40%

## -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 &amp; 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

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-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

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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

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## -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
110-54-3	N-HEXANE	< 20.
108-88-3	TOLUENE (SKIN)	< 5.
110-82-7	CYCLOHEXANE	< 5.

## -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)

## -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