

HENKEL ADHESIVES CORP/RA  
1345 GASKET DRIVE  
ELGIN IL 60120  
800-372-0022

ADHESIVES PLUS, INC.  
1825 SUMMIT #200  
PLANO TX 75074

INVOICE#: 601248-00  
DATE: 01/25/96  
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24-HOUR EMERGENCY PHONE NO: CHEMTREC, 800/424-9300

MATERIAL SAFETY DATA SHEET

EMICAL NAME:  
INSTANT ADHESIVE SOLVENT

TRADE NAME: HENKEL# SM-DB-2  
SICOMET D-BOND

EMICAL FAMILY:  
INSTANT ADHESIVE SOLVENT

FORMULA:  
MIXTURE

HAZARD CLASS:  
3

U.N. NUMBER:  
1261

PACKING GROUP:  
II

\*\*\*\*\* HAZARDOUS COMPONENTS \*\*\*\*\*

NAME: NITROMETHANE  
CAS NUMBER:  
100-525  
OSHA TLV: 100 PPM  
OSHA PEL: 100 PPM  
OSHA STEL:

% BY WEIGHT:  
100.00

\*\*\*\*\* PHYSICAL PROPERTIES DATA \*\*\*\*\*

BOILING POINT: 101 DEG C  
MELTING POINT: N/D DEG C  
SPECIFIC GRAVITY: 1.130  
VAPOR PRESSURE (mm HG AT 20 DEG C): 27.3  
PERCENT VOLATILE: 100 AT 70 DEG F  
VAPOR DENSITY: N/D  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: MISCIBILITY - APPRECIABLE - > 10%  
WATER SOLUBILITY: N/A  
APPEARANCE AND ODOR: CLEAR LIQUID WITH LEMON ODOR.

\*\*\*\*\* FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT & METHOD: 96.5 DEG F

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TEST METHOD: TAGLIABUE CLOSED CUP  
FLAMMABLE LIMITS: N/A  
LEL: N/D  
UEL: N/D  
EXTINGUISHING MEDIA: WATER, CO2, FOAM, DRY CHEMICAL  
SPECIAL FIRE FIGHTING PROCEDURES:  
ISOLATE FIRE-EXPOSED CONTAINERS WITH WATER.  
UNUSUAL FIRE & EXPLOSION HAZARDS:  
HEATING MAY CAUSE PRESSURE BUILD-UP  
AND POSSIBLE RUPTURE OF THE CONTAINER.

\*\*\*\*\* HEALTH HAZARD INFORMATION \*\*\*\*\*

THRESHOLD LIMIT VALUE:  
ON EYE CONTACT: NOTICE! MAY CAUSE EYE IRRITATION  
ON PROLONGED OR REPEATED EXPOSURE.  
ON SKIN CONTACT: NOTICE! MAY CAUSE SKIN IRRITATION  
ON PROLONGED OR REPEATED EXPOSURE.  
INHALATION:  
CAUTION! EXCESSIVE INHALATION CAN CAUSE RESPIRATORY IRRITATION,  
DIZZINESS, NAUSEA, POSSIBLE UNCONSCIOUSNESS, OR ASPHYXIATION.  
GESTATION: CONSIDERED TO BE NON-TOXIC BY ANIMAL TESTS.  
MUTAGENICITY: NO CARCINOGENICITY, MUTAGENICITY  
OR TERATOGENICITY KNOWN.  
CHRONIC EFFECTS OF EXPOSURE:  
EFFECTS OF CHRONIC EXPOSURE OR TARGET ORGAN  
EFFECTS ARE KNOWN. NO EXPOSURE LIMITS HAVE  
BEEN ESTABLISHED FOR THIS PRODUCT.

TEST TYPE	RESULT TYPE	ANIMAL SPECIES	HAZARD RANK
ACUTE TOXICITY	>2000 MG/KG EST LD50	RABBIT	SLIGHT
SKIN CORROSIVITY	NEG -	RABBIT	
EYE IRRITATION	<6-48 0-110 RANGE	RABBIT	SLIGHT
INHALATION TOX	>33 G/MM3 EST LC50	RAT	SLIGHT
ACUTE TOXICITY	1500 MG/KG EST LD50	RAT	REL HARMLESS

LC50 - N/D

\*\*\*\*\* FIRST AID \*\*\*\*\*

EYE FIRST AID:  
IN CASE OF EYE CONTACT, FLUSH THOROUGHLY WITH PLENTY OF WATER.  
SKIN FIRST AID:  
IN CASE OF SKIN CONTACT, FLUSH THOROUGHLY WITH PLENTY OF WATER.  
INHALATION FIRST AID:  
MOVE TO FRESH AIR. IF BREATHING IS LABORED, ADMINISTER OXYGEN.  
IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION AND  
SEEK EMERGENCY FIRST AID.

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SECTION 4: FIRST AID:  
SWALLOWED IN LARGE QUANTITIES, GET MEDICAL ATTENTION.

\*\*\*\*\* REACTIVITY DATA \*\*\*\*\*

STABILITY: STABLE  
CONDITIONS TO AVOID: STABLE UNDER NORMAL CONDITIONS.  
COMPATIBILITY:  
ALKALIS OR ACIDS, THE ADDITION OF SMALL PROPORTIONS  
OF THESE TYPES OF CHEMICALS MAY MARKEDLY INCREASE  
SENSITIVITY TO DETONATION BY SHOCK.  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID:  
PRESSURE BUILD-UP MAY OCCUR WITH POSSIBLE RUPTURE OF THE  
CONTAINER.

\*\*\*\*\* SPILL AND DISPOSAL PROCEDURES \*\*\*\*\*

SPILL PROCEDURES:  
REMOVE IGNITION SOURCES. ADD DRY MATERIAL TO ABSORB SPILL.  
FOR LARGE SPILL, DIKE TO CONTAIN. USING RECOMMENDED PROTECTIVE  
EQUIPMENT, PICK UP AND CONTAINERIZE FOR  
TRANSPORT OR DISPOSAL. FLUSH AREA WITH WATER, COLLECT FOR DISPOSAL  
IN SEWER.  
DISPOSAL PROCEDURES:  
THIS PRODUCT, IF DISPOSED AS SHIPPED, MEETS EPA CRITERIA OF A  
NONHAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261 ON THE BASIS OF ITS  
TOXICITY. DISPOSE OF IN A LICENSED HAZARDOUS WASTE FACILITY  
IN ACCORDANCE WITH APPLICABLE LAWS.

\*\*\*\*\* PROTECTIVE EQUIPMENT \*\*\*\*\*

VENTILATION: GENERAL  
RESPIRATORY PROTECTION: N/A WITH ADEQUATE VENTILATION  
PROTECTIVE CLOTHING: RUBBER GLOVES  
EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS

\*\*\*\*\* SPECIAL PRECAUTIONS \*\*\*\*\*

HANDLING & STORAGE PRECAUTIONS:  
DO NOT STORE OR HANDLE PRODUCT IN THE PRESENCE OF HEAT, SPARKS,  
OR OPEN FLAME. GROUND AND BOND CONTAINER WHEN TRANSFERRING.  
SPECIAL COMMENTS: THIS PRODUCT AND/OR ALL OF ITS COMPONENTS  
ARE REGISTERED AS REQUIRED BY TSCA.  
NONHAZARDOUS INGREDIENTS WITHHELD UNDER PATENT SECRET STATUS.  
SUBSTANCES LISTED AS HAZARDOUS COMPONENT(S) ARE AS DEFINED IN

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CFR 172 AND 29 CFR 1910 WHICH ARE PRESENT IN THIS PRODUCT AND  
L COMPONENTS WHICH APPEAR ON THE HAZARDOUS SUBSTANCE LIST OF ANY  
ATE.

TROMETHANE - HIGHLY FLAMMABLE. MAY CAUSE IRRITATION.  
Y BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION.  
RNING! FORMS SHOCK-SENSITIVE MIXTURES WITH AMINES.  
MPOUNDS FORMED WITH STRONG ALKILI ARE EXPLOSIVE WHEN DRY.

A SARA TITLE III HAZARD CLASS:  
FLAMMABLE

IS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING  
QUIREMENTS OF EPA SARA TITLE III SECTION 313 (40CFR372):

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
NONE		

THE INFORMATION SUPPLIED HEREIN RELATES TO THE PRODUCT NAMED AND IS BASED UPON  
INFORMATION HENKEL ADHESIVES BELIEVES TO BE ACCURATE. NO WARRANTY, EXPRESS OR  
PLIED, IS INTENDED. THIS INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION  
ID INTERPRETATION.

PREPARED BY: ALLEN W. LYONS

DATE: 03/27/95