

1FID: 00319368
VER DATE: 1993-04-20

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:02:35
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SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: K101 2731010
ALL SYNONYMS : CN29376
GOODWRENCH SPECIAL NEOPRENE ADHESIVE
K 101 (2731010)
K101 2731010
SOLVENT ADHESIVE
SPECIAL NEOPRENE ADHESIVE
1051518
2731010 (PRODUCT CODE)

MSDS SIGNED BY TITLE: MANAGER ENVIRONMENTAL AFFAIRS.

SAFE USE CATEGORY AND DESCRIPTION: 02 -SOLVENTS - FLASH POINT: < 100 F

LAST UPDATED DATE: 1995-03-06

MANUFACTURER'S ID (MID): 000555113
MANUFACTURER'S NAME: SIA ADHESIVES, INC
MANUFACTURER'S MAILING ADDRESS:

SUBS./SOVEREIGN SPECIALTY CHEMIC
123 WEST BARTGES STREET
AKRON OH 44311-1081
US

WHMIS CLASSIFICATION: REGULATED
B2: FLAMMABLE AND COMBUSTIBLE MATERIAL
FLAMMABLE LIQUID
D2B: POISONOUS AND INFECTIOUS MATERIALS
MATERIALS CAUSING OTHER TOXIC EFFECTS
TOXIC MATERIAL

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000064175	< 0.0000/ 5.0000%	W	ETHYL ALCOHOL
000108883	= 55.0000/ 0.0000%	W	TOLUENE
064741840	= 15.0000/ 0.0000%	W	Naphtha, petroleum, solvent-refine d light

THRESHOLD LIMIT VALUE: ACGIH - 108883: 50 PPM // 64175: 1000 PPM

PERMISSIBLE EXPOSURE LIMIT: OSHA - 108883: 100 PPM, 150 PPM STEL //
64175: 1000 PPM

SECTION 03: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - SKIN: MAY CAUSE DEFATTING OR DERMATITIS.
EFFECTS OF OVEREXPOSURE - EYE: MAY CAUSE IRRITATION, OR CORNEAL

CLOUDING.

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

EFFECTS OF OVEREXPOSURE - INGESTION: ASPIRATION INTO LUNGS MAY CAUSE
CHEMICAL PNEUMONITIS

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: REMOVE CONTAMINATED CLOTHING AND
LAUNDRER BEFORE REUSE. WASH AFFECTED AREA WITH PLENTY OF SOAP AND WATER.

EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH WITH PLENTY OF WATER FOR
AT LEAST 15 MIN (HOLD EYE LIDS OPEN) LONGER IF THERE IS INDICATION OF
RESIDUAL MATERIAL IN EYE.

EMERGENCY FIRST AID PROCEDURES - 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.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING.
CALL A PHYSICIAN IMMEDIATELY.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: = 1.00
FLAMMABLE UEL: = 19.00

EXTINGUISHING MEDIA: WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL.

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

UNUSUAL FIRE AND 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.

NFPA CODES:

NFPA FLAMMABILITY CODE =	4
NFPA HEALTH CODE =	3
NFPA REACTIVITY CODE =	1

FLASH POINT TEMPS: = - 6.00F
FLASH POINT METHOD: TCC

SECTION 5 - OTHER INFORMATION: CLASS: 1B

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: 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.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: 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.

SECTION 7 - OTHER INFORMATION: 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.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: CHEMICAL GOGGLES.

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.

PERSONAL PROTECTIVE EQUIPMENT: EYE WASH AND SAFETY SHOWER

PROTECTIVE GLOVES (SPECIFY TYPE): IMPERVIOUS.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

THEORETICAL VOC WITHOUT WATER: V.O.C.: 665 G/L

BOILING POINT TEMPS: R 148.00F TO 231.00F

SPECIFIC GRAVITY VALUES: = 0.8811

DENSITY VALUES/UOM: = 7.3400LB/GAL

VAPOR DENSITY TEXT: HEAVIER THAN AIR.

VAPOR PRESSURE TEXT: VP MMHG: 108883: 22.1; 64175: 40; 64741840: 106

PERCENT VOLATILE BY VOLUME: = 78.0000

PERCENT VOLATILE BY WEIGHT VALUES: = 72.0000

EVAPORATION RATE TEXT: FASTER THAN N-BUTYL ACETATE

APPEARANCE: BROWN LIQUID

ODOR: AROMATIC ODOR

SECTION 9 - OTHER INFORMATION: LIQUID DENSITY: LIGHTER THAN WATER.

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - TEXT: STABLE

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,
SMOKE, ALIPHATICS, AND OTHERS.

HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS: MAY CAUSE DEFATTING AND DERMATITIS. MAY CAUSE KIDNEY
OR LIVER DAMAGE. OVER-EXPOSURE HAS BEEN SUGGESTED AS A CAUSE OF
FOLLOWING EFFECTS LIVER ABNORMALITIES, KIDNEY DAMAGE, CENTRAL NERVOUS
SYSTEM 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.

SECTION 13: DISPOSAL CONSIDERATIONS

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 14: TRANSPORT INFORMATION

TDG CLASSIFICATION: REGULATED
TDG SHIPPING NAME: ADHESIVES
TDG UN NUMBER: UN1133
TDG HAZARD CLASS: 3.2
TDG PACKING GROUP: II

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: ALL INGREDIENTS IN THIS PRODUCT ARE
LISTED IN THE T.S.C.A. INVENTORY. // PROPOSITION 65 LISTED PRODUCT MAY
CONTAIN TRACE AMOUNTS OF OTHER CALIFORNIA PROPOSITION 65 LISTED
CHEMICALS. // THESE ITEMS ARE LISTED ON THE SARA TITLE III SECTION 313
INVENTORY // 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: 108883, TOLUENE (SKIN)< 75% BY WT. 64741840,
TEXTILE SPIRITS < 20% TEXTILE SPIRITS CONTAINS <3% OF CYCLOHEXANE A 313
REPORTABLE CHEMICAL. // PROP 65 CARCINOGEN: WARNING: THIS PRODUCT
CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
PROP 65 (TERATOGEN): WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO

THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.: 108883, 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: NONE.

SAFE USE CATEGORY AND DESCRIPTION :

02 SOLVENTS - FLASH POINT: < 100 F

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000064175 ETHYL ALCOHOL

REG:

0001,0003,0012,0014,0017,0019,0031,0032,0034,0038,0039,0056
0061,0065,0068,0076,0084

CAS#: 000108883 TOLUENE

REG:

0003,0004,0006,0007,0008,0009,0010,0011,0012,0014,0015,0016
0017,0019,0020,0021,0023,0031,0032,0034,0036,0037,0038,0039
0042,0047,0048,0050,0056,0058,0059,0061,0063,0064,0065,0066
0068,0070,0078,0083,0084,0088,0089,0091,0104,0105,0106,0109
0123

HHS:

REFER TO THE APPROPRIATE SAFE USE INSTRUCTIONS FOR HEALTH HAZARD INFORMATION.

CAS#: 064741840 Naphtha, petroleum, solvent-refined light

REG:

0004,0012

HHS:

REFER TO THE APPROPRIATE SAFE USE INSTRUCTION FOR HEALTH HAZARD INFORMATION.

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0018	NY SAN 22.8	0019	MA SUBST	0020	NJ ENV SUBST
0021	TOX ORGANICS	0022	MD CLASS I	0023	MD CLASS II
0024	EPA-ATC-I	0026	EPA-CHEMCONC	0027	WB VERY TOX
0028	WB OTHER TOX	0031	ALLGHNY CTY	0032	IL-RTK
0033	OSHA-HHCL	0034	FLT CRIT IND	0035	GM-AHC
0036	PRO EP TOX	0037	MO SPECIES	0038	MO-RTK
0039	ONT 654-86	0040	ONT DES SUB	0041	SARA312EXHAZ
0042	WI TABLE 1	0043	WI TABLE 2	0047	SARA 313
0048	CERCLASEC103	0049	P-65 CARCINO	0050	P-65 REP TOX
0051	MD CLSI .11	0052	MD CLSI .12	0053	MD CLSII .12
0054	CT 29-1	0055	CT 29-2	0056	CT 29-3
0057	EPA261.33(E)	0058	EPA261.33(F)	0059	CA AIR TOX 1
0060	CA AIR TOX 2	0061	PA RTK	0063	PELS REVISED
0064	NPDES-TOXPOL	0065	NJ W&C RTK	0066	CAA HAZ POL
0067	NV HIGH HAZ.	0068	MI 307-CARC	0069	MI 307-NCARC
0070	MICH AIR	0071	CAA602 CLSI	0074	B

0075	C	0076	D	0078	GREAT LAKES
0080	METALS	0082	EPA 112 (R)	0083	TSCA 8 (D))
0084	GM OEG	0085	TSCA-TEST	0087	TSCA 12 (B)
0088	NAT. POLL. REL	0089	NY CHEM BULK	0090	GL PERSIST
0091	LAND DISP. - II	0092	UAW/GM AUDIT	0093	TSCA - SPECIAL
0095	FIFRA REG MAT	0098	DSL - CANADA	0099	NDSL - CANADA
0102	GM 1000M	0103	CAA SEC. 112 (R)	0104	CERCLA-HAZWOPER
0105	GLPPP-SPECIFIC	0106	GLPPP-SPECIFIC	0107	PET. DISTILLATE
0109	APPENDIX IX	0110	GLOBAL WARM CMP	0112	RCRA PBT -DRAFT
0113	IARC-GROUP 2B	0115	IARC-GROUP 1	0116	GMW 3059-RESTR.
0117	GMW 3059-REPORT	0118	T.W. REPORT	0119	MANG. REPORT
0121	HEX CHROME, PB,	0122	ACDM-REPORTING	0123	MDEQ PART 5

GMBA/PLANT USING THIS FID:

GMBA: 000550673 GM OF CANADA - OSHAWA
CISCO: 14001;
STATUS :ACTIVE

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE

GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE

GMBA: 000552483 GM OF CANADA - OSHAWA SER. PARTS ORGAN.
CISCO: 14501;
STATUS :ACTIVE

GMBA: 000552487 GM OF CANADA - OSHAWA SOUTH STAMPING PL.
CISCO: 14070;
STATUS :INACTIVE

GMBA: 000552488 GM OF CANADA - OSHAWA SPECIALITY AREAS
CISCO: 14025;
STATUS :ACTIVE

GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE