



2657 Gravel Drive
Bldg. #1
Ft. Worth, TX 76118



E-Mail: davef@unika-usa.com
Web Site: www.unika-usa.com



Ph: 888-536-0042
Ph: 817-595-2066
Fx: 817-595-2656

Laminate Repairer Solvent - MSDS Sheet

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IDENTIFICATION

PRODUCT NAME: SOLVENT ACETONE
OTHER NAMES: FORMFILL SOLVENT
MANUFACTURER'S CODE:
U.N. CLASSIFICATION: ACETONE, CLASS 3, UN 1090, PG. II
MAZCHEM CODE: 2[Y]E
POISONS SCHEDULE: S5
USE: CLEANING SOLVENT

PHYSICAL DESCRIPTION / PROPERTIES:

APPEARANCE: CLEAR COLORLESS LIQUID, DISTINCTIVE ODOR
BOILING POINT (DEGREES C): 56 DEGREES C
MELTING POINT (DEGREES C): -94 DEGREES C
VAPOR PRESSURE: 30KPM AT 25 DEGREES C
PERCENT VOLATILES: 100%
SPECIFIC GRAVITY: 0.79
FLASH POINT (DEGREES C): -17 DEGREES C
FLAMMABILITY LIMITS (%): 2.6 - 12.8
AUTOIGNITION TEMPERATURE: (DEGREES C): 465 DEGREES C
OTHER PROPERTIES: MISCIBLE WITH WATER

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FIRST AID: (CONT.)

EYES: IMMEDIATELY IRRIGATE WITH COPIOUS QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. EYELIDS TO BE HELD OPEN. REMOVE CLOTHING IF CONTAMINATED AND WASH CONTAMINATED SKIN. URGENTLY SEEK MEDICAL ASSISTANCE. TRANSPORT TO HOSPITAL OR MEDICAL CENTER.

INHALATION: REMOVE VICTIM FROM EXPOSURE - AVOID BECOMING A CASUALTY. IF BREATHING LABORED AND PATIENT CYANOTIC (BLUE), ENSURE AIRWAYS ARE CLEAR AND HAVE QUALIFIED PERSON GIVE OXYGEN THROUGH A FACE MASK. IF BREATHING HAS STOPPED APPLY ARTIFICIAL RESPIRATION AT ONCE. IN EVENT OF CARDIAC ARREST, APPLY EXTERNAL CARDIAC MASSAGE. SEEK MEDICAL ADVICE.

INGESTION: GIVE WATER TO DRINK. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ASSISTANCE. POISON INFORMATION CENTERS IN EACH STATE CAPITAL CITY CAN PROVIDE ADDITIONAL ASSISTANCE FOR SCHEDULED POISONS.

ADVICE TO DOCTOR: (EMERGENCY TREATMENT)

TREAT SYMPTOMATICALLY.

HEALTH HAZARD INFORMATION

TOXICITY:

ORAL LD50 (RAT): 5800 MG / KG
ORAL LOWEST TOXIC DOSE (MAN): 2857 MG / KG - COMA
DERMAL LD50 (RAT): 20,000 MG / KG
INHALATION LC50 (RAT): 50,100 MG / M3 / 8 HR
INHALATION LOWEST TOXIC CONCENTRATION (MAN): 12,000 PPM / 4 HR
- NAUSEA OR VOMITING: MUSCLE WEAKNESS

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IDENTIFICATION (CONT.)

INGREDIENTS:

CHEMICAL ENTITY	CAS NO	PROPORTION
ACETONE	67-64-1	100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

SHORT TERM EXPOSURE BY ALL ROUTES IS CONSIDERED TO BE PRACTICALLY NON-HARMFUL.

SKIN: CONTACT WITH SKIN WILL RESULT IN MILD IRRITATION. WILL HAVE A DECREASING ACTION ON THE SKIN. REPEATED OR PROLONGED SKIN CONTACT MAY LEAD TO DERMATITIC EFFECTS.

EYES: A SEVERE EYE IRRITANT.

INHALATION: VAPOR IS IRRITANT TO MUCOUS MEMBRANES AND RESPIRATORY TRACT. INHALATION OF HIGH CONCENTRATIONS CAN PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION, WHICH CAN LEAD TO LOSS OF CO-ORDINATION, IMPAIRED JUDGMENT AND, IF EXPOSURE IS PROLONGED, UNCONSCIOUSNESS AND POSSIBLE DEATH. ACUTE MASSIVE INTOXICATION MAY CAUSE SOME LIVER AND / OR KIDNEY DAMAGE.

FIRST AID:

SKIN: IMMEDIATELY WASH CONTAMINATED SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. IF SWELLING, REDNESS, BLISTERING OR IRRITATION OCCURS SEEK MEDICAL ADVICE.

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HEALTH HAZARD INFORMATION (CONT.)

TOXICITY: (CONT.)

SKIN: MILD IRRITANT
EYES: SEVERE IRRITANT

PRECAUTIONS FOR USE

EXPOSURE LIMITS:

THRESHOLD LIMIT VALUE (TWA): 750 PPM (1780 MG / M3)

THRESHOLD LIMIT VALUE (STEL): 1000 PPM (2375 MG / M3)

AS PUBLISHED BY THE NATIONAL HEALTH & MEDICAL RESEARCH COUNCIL.

TWA IS THE TIME WEIGHTED AVERAGE CONCENTRATION OF THE WORK ATMOSPHERE FOR A NORMAL 8 HOUR WORK DAY AND A 40 HOUR WORK WEEK, TO WHICH NEARLY ALL WORKERS CAN BE REPEATEDLY EXPOSED DAY AFTER DAY WITHOUT ADVERSE EFFECT.

STEL IS THE SHORT TERM EXPOSURE LIMIT. IT IS A 15 MINUTE TIME WEIGHTED EXPOSURE LIMIT. EXPOSURES AT THE STEL SHOULD NOT BE LONGER THAN 15 MINUTES AND SHOULD NOT BE REPEATED MORE THAN FOUR TIMES PER DAY. THERE SHOULD BE AT LEAST 60 MINUTES BETWEEN SUCCESSIVE EXPOSURES AT THE STEL.

THESE TLVS ARE ISSUED AS GUIDELINES FOR GOOD PRACTICE. ALL ATMOSPHERIC CONTAMINATION SHOULD BE KEPT TO AS LOW A LEVEL AS IS PRACTICALLY POSSIBLE. THESE TLVS SHOULD NOT BE USED AS FINE LINES BETWEEN SAFE AND DANGEROUS CONCENTRATIONS.

VENTILATION:

USE WITH ADEQUATE VENTILATION. VAPOR HEAVIER THAN AIR - PREVENT CONCENTRATION IN HOLLOW OR SUMPS. DO NOT ENTER CONFINED SPACES WHERE VAPOR MAY HAVE COLLECTED.



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PRECAUTIONS FOR USE

PERSONAL PROTECTION:

AVOID SKIN AND EYE CONTACT. WEAR OVERALLS, CHEMICAL GOGGLES AND IMPERVIOUS GLOVES. USE WITH ADEQUATE VENTILATION. IF INHALATION RISK EXISTS WEAR ORGANIC VAPOR RESPIRATOR. IF USING A RESPIRATOR, ENSURE THAT THE CARTRIDGES ARE CORRECT FOR THE POTENTIAL AIR CONTAMINATION AND ARE IN GOOD WORKING ORDER. ALWAYS WASH HANDS BEFORE SMOKING, EATING, DRINKING OR USING THE TOILET.

FLAMMABILITY:

HIGHLY FLAMMABLE LIQUID. MAY FORM EXPLOSIVE MIXTURES WITH AIR. AVOID ALL IGNITION SOURCES. FLAME PROOF EQUIPMENT NECESSARY IN AREA WHERE THIS CHEMICAL IS BEING USED. NEARBY EQUIPMENT MUST BE EARTHED.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

UN NO: 1090

PACKAGING GROUP: II

CLASSIFIED AS A 3.1 (HIGHLY FLAMMABLE LIQUID)

DANGEROUS GOODS FOR THE PURPOSE OF TRANSPORT. REFER TO STATE REGULATIONS FOR STORAGE AND TRANSPORT REQUIREMENTS.

RESTRICTIONS ON LOADING WITH FLAMMABLE GASES (CLASS 2.1) IN BULK, POISONOUS GASES (CLASS 2.3), SPONTANEOUSLY COMBUSTIBLE (CLASS 4.2) OR OXIDIZING AGENTS (CLASS 5) MAY APPLY.

THE PRODUCT IS A SCHEDULED POISON (S5) AND MUST THEREFORE BE STORED, MAINTAINED AND USED IN ACCORDANCE WITH THE RELEVANT STATE POISONS ACT. STORE IN A COOL PLACE AWAY FROM SOURCES OF HEAT OR IGNITION. STORE AWAY FROM FOOD STUFFS. KEEP CONTAINERS CLOSED AT ALL TIMES.

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SAFE HANDLING INFORMATION (CONT.)

SPILLS:

CLEAR AREA OF ALL UNPROTECTED PERSONNEL. WEAR FULL PROTECTIVE EQUIPMENT TO PREVENT SKIN AND EYE CONTAMINATION AND INHALATION OF VAPORS. SHUT OFF ALL POSSIBLE SOURCES OF IGNITION. CONTAIN - PREVENT CONTAMINATION OF DRAINS AND WATERWAYS. COVER WITH DAMP ABSORBENT (SAWDUST, SAND OR SOIL). USE SPARK FREE SHOVEL TO COLLECT AND SEAL IN PROPERLY LABELLED DRUMS FOR DISPOSAL. WASH AREA DOWN WITH EXCESS WATER.

DISPOSAL:

REFER TO STATE LAND WASTE MANAGEMENT AUTHORITY. NORMALLY SUITABLE FOR INCINERATION, BY APPROVED AGENT.

FIRE / EXPLOSION HAZARD:

HIGHLY FLAMMABLE LIQUID. IF SAFE TO DO SO, REMOVE CONTAINERS FROM PATH OF FIRE. KEEP CONTAINERS COOL WITH WATER SPRAY.

EXTINGUISHING MEDIA:

WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL POWDER, BCF.

OTHER INFORMATION:

CONTACT POINT:	UNIKA AUSTRALIA 61-48-683311	DATE: 10/10/89
ISSUE NO:	UNIKA USA, INC. 1-800-536-0042	
INFOTRAC CHEMICAL EMERGENCY RESPONSE SYSTEM	1-800-535-5053	
COMPILED:		CHECKED: