

# MATERIAL SAFETY DATA SHEET

## SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: SUPPLIER:  
MULTI-BLEND LTD.  
2720 SLOUGH ST.  
MISSISSAUGA, ONTARIO L4T 1G3  
EMERGENCY - CANUTEC: 613-996-6666

PRODUCT NAME: ACRY SEAL  
CHEMICAL NAME: NA  
CHEMICAL FAMILY: NA  
PRODUCT USE: SOLVENT SEALER

## SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	APPROX CONC.	CAS NO.	LD(50) RAT ORAL	LC(50) RAT
XYLENE	60-100	1330-20-7	5.2g/kg	6350ppm/4hrs
TOLUENE	10-30	108-88-3	6 g/Kg	8000 ppm/4hrs

## SECTION III PHYSICAL DATA

PHYSICAL STATE.....LIQUID  
ODOR AND APPEARANCE.....CLEAR COLOURLESS VISCOUS, SOUR BURNT ODOR  
ODOR THRESHOLD.....not available  
SPECIFIC GRAVITY.....0.92  
VAPOR PRESSURE.....15 @ 20 C  
VAPOR DENSITY(air=1)......5  
EVAPORATION RATE.....1.5  
SOLUBILITY IN WATER.....ND  
BOILING POINT.....110 C  
pH.....NA  
COEFF. WATER/OIL DISTR....negligible

## SECTION IV FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY.....EXPOSURE TO HEAT AND OPEN FLAME  
EXTINGUISHING MEDIA.....CO2, FOAM, DRY CHEMICAL DO NOT USE WATER  
HAZARDOUS COMBUSTION PRODUCTS..VAPOUR FORMS AN EXPLOSIVE MIXTURE WITH AIR BETWEEN UPPER AND LOWER FLAMMABLE LIMITS.  
SPECIAL PROCEDURES.....USE AN APPROVED POSITIVE PRESSURE BREATHING APPARATUS  
FLASH POINT (DEG)C.....> 7 deg. TCC  
UPPER FLAMMABLE LIMIT.....7.0 % BY VOL  
LOWER FLAMMABLE LIMIT.....1.1 % BY VOL  
AUTO IGNITION TEMP.....480 deg. C  
EXPLOSION DATA.....ND  
SENSITIVITY TO STATIC CHARGE...YES

## SECTION V REACTIVITY DATA

CHEMICAL STABILITY.....YES  
CONDITIONS TO AVOID.....OPEN FLAME AND STRONG OXIDIZING AGENTS  
INCOMPATIBLE SUBSTANCES.....NONE  
HAZARDOUS DECOMPOSITION.....NONE  
HAZARDOUS POLYMERIZATION.....NA

## SECTION VI TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY  
SKIN CONTACT.....X SKIN ABSORPTION..X  
EYE CONTACT.....X INHALATION.....X  
INGESTION.....X

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:  
THIS PRODUCT IS NOT A PRIMARY SKIN IRRITANT AFTER EXPOSURE FOR A SHORT DURATION

EFFECTS OF CHRONIC EXPOSURE:  
PROLONGED AND REPEATED CONTACT MAY CAUSE DEFATTING OF SKIN AND/OR DERMATITIS. VAPOURS ARE MODERATELY IRRITATING TO THE EYES AND RESPIRATORY PASSAGES. PROLONGED EXPOSURE CAN CAUSE DIZZINESS, HEADACHE AND CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE HEART ARRHYTHMIA. SOLVENT ABUSERS EXPOSED TO HIGH DOSES OF AROMATIC SOLVENTS SHOW SIGNS OF HEARING LOSS AS WELL AS DAMAGE TO KIDNEY, LIVER AND BRAIN.  
EXPOSURE LIMITS.....TLV 100 PPM

IRRITANCY OF MATERIAL.....SKIN. EYES NOSE, THROAT  
SENSITIZATION TO MATERIAL.....DEFATTING OF SKIN  
CARCINOGENICITY.....NONE KNOWN  
REPRODUCTIVE TOXICITY.....NONE KNOWN  
TERATOGENICITY.....NONE KNOWN  
MUTAGENICITY.....NONE KNOWN  
SYNERGISTIC PRODUCTS.....NONE KNOWN

## SECTION VII PREVENTIVE MEASURES

HAND PROTECTION.....IMPERVIOUS NEOPRENE OR NITRILE RUBBER GLOVES  
EYE PROTECTION.....CHEMICAL SPLASH GOGGLES, ANSI OR SIMILAR APPROVED  
RESPIRATORY PROTECTION.....NORMAL USE SHOULD NOT REQUIRE ONE. IN EMERGENCY OVEREXPOSURE SITUATION USE A MSHA/NIOSH APPROVED POSITIVE PRESSURE BREATHING APPARATUS.  
FOOT WEAR.....RUBBER SAFETY BOOTS  
CLOTHING.....RUBBER APRON, DEPENDING ON SEVERITY OF EXPOSURE  
ENGINEERING CONTROLS.....LOCAL EXHAUST VENTILATION SUFFICIENT TO MAINTAIN WORKPLACE CONCENTRATIONS BELOW EXPOSURE LIMITS. EXPLOSION PROOF LOCAL EXHAUST IN CASE OF EMERGENCIES OR CONFINED AREAS. MINIMUM CAPTURE VELOCITY 100 FT/MIN ( 0.5 M /SEC.)  
LEAK AND SPILL PROCEDURE.....ELIMINATE ALL SOURCES OF IGNITION. DKIE AND CONTAIN WITH SAND OR EARTH. PLACE ABSORBENT MATERIAL IN SEALED CONTAINER. FOR LARGE SPILLS EVACUATE AREA. WEAR RESPIRATOR. STOP LEAK. DO NOT CONTAMINATE SEWER.

WASTE DISPOSAL.....WASTE CLASS 211  
SHIPPING NAME ...OTHER POLYMERIC WASTE  
INCINERATE IN ACCORDANCE WITH LOCAL GOVERNMENT REGULATIONS AT A LICENSED WASTE DISPOSAL SITE  
HANDLING PROCEDURES AND EQUIPMENT..KEEP AWAY FROM LOCAL IGNITION SOURCES  
STORAGE REQUIREMENTS.....KEEP AWAY FROM HEAT. STORE AT TEMPERATURES FROM 0 TO 38 deg C

## SECTION VIII FIRST AID MEASURES

PROCEDURES:  
INHALATION: MOVE SUBJECT TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. SEEK MEDICAL ATTENTION.  
EYES/SKIN: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. ON SKIN USE BOTH SOAP AND WATER. SEE A PHYSICIAN IF IRRITATION PERSISTS.  
INGESTION: GIVE 2 GLSSES OF WATER. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. NOTE TO PHYSICIAN: PRODUCT CONTAINS XYLENE HAVING CNS EFFECTS. CAREFUL GASTRIC LAVAGE MAY BE INDICATED, BECAUSE OF THE RISK OF ASPIRATION POSED BY PETROLEUM DISTILLEATES. IF GAG REFLEX IS INHIBITED OR UNCONSCIOUSNESS HAS OCURRED, GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE IS INDICATED.

## ADDITIONAL INFORMATION

WHMIS CLASSIFICATION...CLASS B DIV. 2 CLASSD DIV 2A, DIV 2 B  
TDG CLASSIFICATION.....CLASS 3  
SHIPPING NAME..FLAMMABLE LIQUID N.O.S.(XYLENE)  
PIN.....UN 1993 PACKING GROUP.....III  
HAZARD RATING: HEALTH:3 FIRE:3 REACTIVITY:0 SPECIAL:0

HAZARD RATING SCALE: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE. NA=NOT APPLICABLE, ND=NO DATA AVAILABLE, NE=NOT ESTABLISHED, NR NOT REGULATED.

PREPARED BY: LAB GROUP DATE: August 1, 2008

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