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MATERIAL SAFETY DATA SHEET

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(AUTHORIZED BY THE ADHESIVES AND SEALANTS MANUFACTURERS ASSOCIATION OF CANADA)

SECTION 1 IDENTIFICATION OF PRODUCT	
MANUFACTURER'S NAME FRANK T. ROSS & SONS (1962) LIMITED	EMERGENCY TELEPHONE NO. (416) 282-1107
ADDRESS P.O. BOX 248 WEST HILL, ONTARIO, CANADA, M1E 4R5	
TRADE NAME AND SYNONYMS WELDBOND UNIVERSAL ADHESIVE	C.A.S. # 9003-20-7
CHEMICAL NAME AND SYNONYMS	
CHEMICAL FAMILY COMPOUNDED POLYVINYL ACETATE EMULSION	MOLECULAR FORMULA

SECTION II HAZARDOUS COMPONENTS OF MIXTURES					
COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)	COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
DEFOAMERS, STABILIZERS ETC.	0.5	-			
RESIDUAL MONOMER (VINYL ACETATE)	0.5	10 PPM MAX.			

SECTION III PHYSICAL DATA	
APPEARANCE AND ODOR THICK, MILKY LIQUID, MILD ODOUR	
BOILING POINT APPROX. 100 DEG. C.	SPECIFIC GRAVITY (WATER = 1) 1.10
VAPOR PRESSURE (M.M. OF MERCURY) APPROX. 17 mm	PERCENT VOLATILE (BY VOLUME)
VAPOR DENSITY (AIR = 1)	EVAPORATION RATE (BUTYL ACETATE = 1) SLOW
SOLUBILITY IN WATER DILUTABLE, EMULSION	EVAPORATION RATE (ETHYL ETHER = 1)

SECTION IV FIRE AND EXPLOSION HAZARD DATA		
FLASH POINT (SPECIFY METHOD)	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER - UPPER
FIRE-EXTINGUISHING MEDIA		
SPECIAL FIRE-FIGHTING PROCEDURES NON FLAMMABLE IN WET STATE		
UNUSUAL FIRE AND EXPLOSION HAZARDS CONTAINER MAY RUPTURE DURING FIRE DUE TO BUILD-UP OF STEAM PRESSURE.		

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

SEE SECTION II

EFFECTS OF OVEREXPOSURE

NAUSEA, HEADACHE, MAY BE EYE IRRITANT.

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.SKIN: WASH WITH SOAP AND WATER.INHALATION: REMOVE TO FRESH AIR. KEEP QUIET AND COMFORTABLE. GET MEDICAL ATTENTION.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
CO, CO ₂ ON COMBUSTION OF DRY MATERIAL			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

VENTILATE AREA. SOAK UP SPILL WITH RAGS AND/OR OTHER INERT MATERIAL. FLUSH AREA WITH WATER.

WASTE DISPOSAL METHOD

CHECK WITH MUNICIPALITY INVOLVED.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NOT NORMALLY REQUIRED IF VENTILATION ADEQUATE

VENTILATION	LOCAL EXHAUST	YES TO KEEP VAPOUR	SPECIAL
	MECHANICAL (General)	CONCENTRATION BELOW TLV	OTHER
PROTECTIVE GLOVES		EYE PROTECTION	
IMPERVIOUS TYPE		SAFETY GOGGLES	
OTHER PROTECTIVE EQUIPMENT			

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

PRACTICE REASONABLE CARE AND CLEANLINESS. STORE ABOVE 5 DEG. C. DO NOT FREEZE. DO NOT TAKE INTERNALLY.

OTHER PRECAUTIONS

NOTE: RESIDUAL MONOMER CONTENT UNDER CONDITIONS OF NORMAL HANDLING PRESENT NO PROBLEM, HOWEVER, HIGH LEVELS OF MONOMER VAPOURS CAN BE RELEASED INTO WORKROOM ATMOSPHERE WHEN EMULSIONS ARE HEAT CURED OR DRIED (ROLLERS, OVENS, INFRARED LAMP, ETC.) IF ADEQUATE VENTILATION IS NOT USED.

SECTION X DATE AND SOURCE OF INFORMATION

DATE

MAY 14 1967

NAME AND TITLE

SHEET NUMBER