

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION & USE

PRODUCT IDENTIFIER	➔	CODE BLUE, CODE BLUE PLUS, CODE BLUE MASTIC CODE YELLOW AVB, RUB-R-WALL, RUB-R-WALL PLUS, RUB-R-WALL MASTIC, CODE GREEN, DAMP SURFACE PRIMER, SLH PRIMER, RUB-R-PROOF, 50/50, RUB-R-WALL AIRTIGHT AVB, RUB-R-WALL SA PRIMER	PRODUCT IDENTIFICATION NUMBER (PIN) UN 1866
PRODUCT USE	➔	WATERPROOFING	

MANUFACTURER'S NAME RUBBER POLYMER CORP. STREET ADDRESS 1135 W. PORTAGE TR. EXT.	SUPPLIER'S NAME ADVANCED COATINGS, INC. STREET ADDRESS MAIL: P.O. BOX 670, MIDLAND ONT. SHIP: 15288 HWY 12, MIDLAND
CITY AKRON PROVINCE/STATE OHIO, USA POSTAL CODE 44313 EMERGENCY TELE NO. 800-424-9300	CITY MIDLAND PROVINCE/STATE ONTARIO, CANADA POSTAL CODE L4R 4P4 EMERGENCY TELE NO. 800-424-9300

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	% Range (by weight)	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
TOLUENE	5-10	108-88-3	RAT 5.5-7.3 g/kg	RAT 8000 ppm/4 HRS
SOLVENT NAPHTHA LT. ALIPHATIC	15-30	64742-89-8	RAT >8.0 ml/kg	RAT 3400 ppm/4 HRS
N-HEPTANE	15-30	142-82-5	RAT 5 g/kg	HUMAN TCLO 1000 ppm/6 min

SECTION 3: PHYSICAL DATA

PHYSICAL STATE LIQUID	ODORS & APPEARANCE HYDROCARBON ODOR - BLUE, GREEN, SILVER, GRAY, YELLOW, CLEAR		ODOR THRESHOLD (ppm) (TOLUENE) 20 PPM	
VAPOR PRESSURE (mm HG) 140	VAPOR DENSITY (AIR = 1) 3.5	EVAPORATION RATE 6.1	BOILING POINT (°C) 86	FREEZING POINT (°C) -30
pH NOT AVAILABLE	SPECIFIC GRAVITY 0.8-0.9	COEFF. WATER/OIL DIST. % SOLUBILITY IN H ₂ O <0.1		

SECTION 4: FIRE & EXPLOSION DATA

FLAMMABILITY

YES NO IF YES, UNDER WHICH CONDITIONS? ➔ EXPOSURE TO SPARKS AND OPEN FLAMES

MEANS OF EXTINCTION TREAT AS A HYDROCARBON FIRE. USE CO₂ OR DRY CHEMICAL EXTINGUISHING MEDIA

FLASHPOINT (°C) AND METHOD -8 CLOSED CUP	UPPER FLAMMABLE LIMIT (% BY VOLUME) <7%	LOWER FLAMMABLE LIMIT (% BY VOLUME) 1%
AUTOIGNITION TEMPERATURE (°C) >200	HAZARDOUS COMBUSTION PRODUCTS CO ₂ , CO AND TYPICAL BY-PRODUCTS OF HYDROCARBON COMBUSTION.	
EXPLOSION DATA	SENSITIVITY TO IMPACT NONE	SENSITIVITY TO STATIC DISCHARGE YES

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY

YES NO IF NO, UNDER WHICH CONDITIONS? ➔

(SECTION 5 CONTINUED)

INCOMPATIBILITY WITH OTHER SUBSTANCES: YES X NO IF SO, WHICH ONES? STRONG OXIDIZING AGENTS, HIGH TEMPERATURE SPARK, OPEN FLAMES AND OTHER SOURCES OF IGNITION. REACTIVITY, AND UNDER WHAT CONDITIONS? REACTIVE -> STRONG OXIDIZING AGENTS, HIGH TEMPERATURE SPARK, OPEN FLAMES AND OTHER SOURCES OF IGNITION. HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT X SKIN ABSORPTION (NO) EYE CONTACT X INHALATION X DIGESTION X
EFFECTS OF ACCUTE EXPOSURE TO PRODUCT: INHALATION: DIZZINESS, HEADACHE, NAUSEA. EXTREME EXPOSURE CAN CAUSE LOSS OF CONSCIOUSNESS, COMA AND DEATH. SKIN: IRRITATION; RASH. INGESTION: CHEMICAL PNEUMONIA MAY RESULT WHICH CAN BE FATAL.
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: INHALATION: LONG-TERM EXPOSURE CAN LEAD TO DAMAGE OF LIVER, KIDNEYS AND LUNGS AND MAY CAUSE PERMANENT NEUROLOGICAL DAMAGE. SKIN: SENSITIVITY MAY DEVELOP. INGESTION: NOT KNOWN.

Table with 4 columns: EXPOSURE LIMITS (US OSHA PEL), IRRITANCY OF PRODUCT, SENSITIZATION TO PRODUCT, CARCINOGENICITY. Rows include Toluene, Solvent Naptha, N. Heptane.

Table with 4 columns: TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY, SYNERGISTIC PRODUCT. Values: NO DATA, NO DATA, NEGATIVE, NO DATA.

SECTION 7: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: GLOVES (SPECIFY): SOLVENT RESISTANT SUCH AS VITON. RESPIRATOR (SPECIFY): USE NIOSH APPROVED SUPPLIED AIR RESPIRATOR UNLESS ORGANIC VAPOUR TYPE APPLICABLE. EYES (SPECIFY): CHEMICAL GOGGLES. FOOTWEAR (SPECIFY): LEATHER SHOES OR BOOTS. CLOTHING (SPECIFY): LONG SLEEVED SHIRT, FULL PANT LEGS. OTHER (SPECIFY): NOT REQUIRED.

ENGINEERING CONTROLS (SPECIFY I.E., VENTILATION, ENCLOSED PROCESS): USE PROPER SELF-CONTAINED OR SUPPLIED AIR RESPIRATOR IN CONFINED SPACES. REMOVE OR DISCONNECT FLAME OR SPARK SOURCES. USE EXPLOSION-PROOF EQUIPMENT ONLY. PROVIDE SUPPLEMENTARY MECHANICAL EXHAUST VENTILATION TO CONTROL VAPOUR CONCENTRATION IN ENCLOSED AREAS.

LEAK AND SPILL PROCEDURE: ELIMINATE ALL IGNITION SOURCES. GROUND AND BOND EQUIPMENT TO PREVENT SPARKS. FOR LARGE SPILLS EVACUATE UNPROTECTED PERSONNEL FROM THE AREA. USE SUPPLIED AIR RESPIRATOR (SCBA) AND IMPERVIOUS GLOVES AND COVERALLS.

WASTE DISPOSAL: SOAK UP RESIDUE WITH AN ABSORBANT SUCH AS CLAY OR OTHER INERT POWDER. PLACE IN NON-LEAKING CONTAINER, DISPOSE WASTE IN ACCORDANCE WITH ALL FEDERAL, PROVINCIAL, AND LOCAL REGULATIONS.

HANDLING PROCEDURES AND EQUIPMENT: ELIMINATE ALL IGNITION SOURCES, GROUND AND BOND HANDLING EQUIPMENT TO PREVENT SPARKS. USE EXPLOSION-PROOF EQUIPMENT ONLY. FOLLOW MANUFACTURER'S HANDLING AND OPERATIONS MANUAL (FOUND AT YOUR SUPPLIER).

STORAGE REQUIREMENTS: STORE DRUMS OUTSIDE OR INSIDE IN ACCORDANCE WITH APPLICABLE GOVERNMENT REGULATIONS. AVOID FLAME, SPARK AND IGNITION SOURCES.

SPECIAL INFORMATION: SHIP AS RESIN SOLUTION UN 1866 FLAMMABLE 3 LIQUID. DO NOT DOUBLE STACK DRUMS OR DRUMS/SKIDS.

SECTION 8: FIRST AID MEASURES

SPECIFIC MEASURES: EMERGENCY FIRST AID PROCEDURES: INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS. GET MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH RUNNING WATER FOR AT LEAST FIFTEEN (15) MINUTES. GET MEDICAL ATTENTION.

SECTION 9: PREPARATION DATE OF MSDS

Table with 5 columns: PREPARED BY, PHONE NUMBER, FAX NUMBER, PREPARATION DATE, SUPERCEDES ISSUE DATE.

24 HOUR EMERGENCY CONTACT NUMBER FOR USA & CANADA CHEMTREC 1-800-424-9300