

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION & USE

PRODUCT IDENTIFIER	➔	GRAYWALL™, GRAYWALL™ LITE	PRODUCT IDENTIFICATION NUMBER (PIN) UN 1866				
PRODUCT	➔	WATERPROOFING					
MANUFACTURER'S NAME	RUBBER POLYMER CORP.		SUPPLIER'S NAME	ADVANCED COATINGS, INC.			
STREET ADDRESS	1135 W. PORTAGE TR. EXT.		STREET ADDRESS	MAIL: P.O. BOX 670, MIDLAND ONT. SHIP: 15288 HWY 12, MIDLAND			
CITY	AKRON	PROVINCE/STATE	OHIO, USA	CITY	MIDLAND	PROVINCE/STATE	ONTARIO, CANADA
POSTAL CODE	44313	EMERGENCY TELE NO.	800-424-9300	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
*ALUMINUM PASTE: Aluminum (63%by weight) Mineral Spirits (35%by weight)	0.1-1.0		RAT >5 g/kg	RAT 780 ppm/4 HRS
	0.1-1.0	7429-90-5		
	0.1-1.0	64742-88-7		

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 <input checked="" type="checkbox"/>	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 <input checked="" type="checkbox"/>	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, IRRITANCY OF PRODUCT, SENSITIZATION TO PRODUCT, CARCINOGENICITY. Rows include Toluene, Solvent Naptha, N. Heptane, Aluminum, Mineral Spirits.

Table with 4 columns: TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY, SYNERGISTIC PRODUCT. All values are NO DATA or NEGATIVE.

SECTION 7: PREVENTATIVE MEASURES

Table with 3 columns: PERSONAL PROTECTIVE EQUIPMENT (Gloves, Footwear), RESPIRATOR (SPECIFY), CLOTHING (SPECIFY), EYES (SPECIFY), OTHER (SPECIFY).

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.

LEAK AND SPILL PROCEDURE: ELIMINATE ALL IGNITION SOURCES. GROUND AND BOND EQUIPMENT TO PREVENT SPARKS. FOR LARGE SPILLS EVACUATE UNPROTECTED PERSONNEL FROM THE AREA.

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: (GROUP, DEPARTMENT ETC.); PHONE NUMBER; FAX NUMBER; PREPARATION DATE; SUPERCEDES ISSUE DATE.

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