

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION & USE

PRODUCT IDENTIFIER	➔	DURO-PRIME™, FT-300™	PRODUCT IDENTIFICATION NUMBER (PIN) UN 1090
PRODUCT USE	➔	PRIMER AND/OR CHEMICAL RESISTANT COATINGS	
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)
ACETONE	35-50	67-64-1	RAT 5800 mg/kg	RAT 50,000 mg/m ³
*ALUMINUM PASTE:	1-5		RAT >5 g/kg	RAT 780 ppm/4 HRS
Aluminum (63%by weight)	1-5	7429-90-5		
Mineral Spirits (35%by weight)	1-5	64742-88-7		

SECTION 3: PHYSICAL DATA

PHYSICAL STATE LIQUID	ODORS & APPEARANCE HYDROCARBON ODOR - BLUE, GREEN, SILVER, GRAY, YELLOW, CLEAR		ODOR THRESHOLD (ppm) (ACETONE) 15 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 ACUTE 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.

EXPOSURE LIMITS ALUMINUM 10 mg-m3 (US TLV as a dust nuisance) MINERAL SPIRITS 100 PPM (US TLV) ACETONE 750 PPM (US OSHA PEL TWA) 1000PPM (US OSHA PEL STEL) (NE > CONSULT LOCAL AUTHORITIES) FOR ACCEPTABLE PROVINCIAL VALUE)	IRRITANCY OF PRODUCT SKIN CONTACT CAN CAUSE IRRITATION WHICH CAN CAUSE SKIN RASH.	SENSITIZATION TO PRODUCT A SMALL PERCENTAGE OF PEOPLE MAY DEVELOP SENSITIZATION	CARCINOGENICITY NOT IDENTIFIED AS A CARCINOGEN.
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TERATOGENICITY NO DATA	REPRODUCTIVE TOXICITY NO DATA	MUTAGENICITY NEGATIVE	SYNERGISTIC PRODUCT NO DATA
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SECTION 7: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:
 GLOVES (SPECIFY): SOLVENT RESISTANT SUCH AS NITON
 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. YOU MUST WEAR SUPPLIED - AIR RESPIRATOR (e.g. SCBA) WHEN THE PRODUCT IS APPLIED IN A CONFINED SPACE. YOU
 MUST COMPLY WITH LOCAL LEGAL HEALTH AND SAFETY REQUIREMENTS FOR CONFINED SPACE ENTRY

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 1090 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

PREPARED BY: (GROUP, DEPARTMENT ETC.): R.P.C., INC. OFFICER OF SAFETY	PHONE NUMBER: 330-945-7721	FAX NUMBER: 330-945-9416	PREPARATION DATE: March 31, 2010	SUPERCEDES ISSUE DATE: January 1, 2010
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24 HOUR EMERGENCY CONTACT
 NUMBER FOR USA & CANADA
 CHEMTREC 1-800-424-9300