



wire + conduit

MATERIAL SAFETY DATA SHEET

M.S.D.S. No 100

Eastern Wire + Conduit Raceway Collar™

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name(s): Various intumescent PVC COMPOUNDS	Molecular Weight: N/A
Synonym(s): EXTRUSION COMPOUND, SEC's Rigid Fire Stop, Flexible Firestop.	W.H.M.I.S. class: N/A (consumer product)
Product Use: P.V.C COMPOUNDED with ingredients to provide expansion and strength in special applications (i.e. Fire Barriers)	T.D.G. Class(es): Not Regulated
Chemical Composition: N/A	T.D.G. Shipping Name: Not Regulated
Chemical Family: N/A	T.D.G. P.I.N./U.N. : N/A

COMPANY IDENTIFICATION

MANUFACTURER: Royal Quickstop Fireprotection Systems Co.
155 Regalcrest Court
Woodbridge Ontario
L4L 3Y2
Canada

EMERGENCY PHONE No: (905) 856-7550 (Technical Services)

EMERGENCY PHONE No: (586) 781-2700 (Customer Services)

2. PREPARATION INFORMATION

Preparation Date: June 2004
Prepared by: Technical Services

3. HAZARDOUS INGREDIENTS

INGREDIENT(S)	C.A.S. / P.I.N. NUMBER(S)	L.D.50 (orl-rat)	L.D. 50 (skn-rbt)	L.C. 50 (Species & Route)	W.H.M.I.S. Classes
PVC Compound	PVC Resin 9002862	100	NONE		NON-REGULATED
Acid residues	N/A	0-1	N/A		N/A

4. PHYSICAL DATA

PHYSICAL STATE:	Solid at N.T.P. (20°C & 1atm)
ODOUR AND APPEARANCE:	Black and/or colored amorphous powder or pellets
ODOUR THRESHOLD:	N/A
VISCOSITY	Approx. 1.4
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	N/A
EVAPORATION RATE:	N/A
BOILING POINT:	N/A
FREEZING POINT:	N/A
pH:	N/A
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not Available
SOLUBILITY IN WATER:	N/A
% VOLATILES:	0
SPECIFIC GRAVITY:	N/A

5. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY:	Combustible when exposed to intense heat or flame
MEANS OF EXTINCTION:	Water, Dry Chemical, Carbon Dioxide, Product is Self Extinguishing
SPECIAL PROCEDURES:	Use NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing is involved in fire.
FLASH POINT:	391 deg. C / 739 deg. F
UPPER FLAMMABILITY LIMIT:	N/A
LOWER FLAMMABILITY LIMIT:	N/A
AUTOIGNITION TEMPERATURE:	N/A
HAZARDOUS COMBUSTION PRODUCTS:	HC1, C10, CO ₂ , CO.
SENSITIVITY TO MECHANICAL IMPACT:	None
SENSITIVITY TO STATIC DISCHARGE:	N/A

6. REACTIVITY DATA

CONDITIONS OF CHEMICAL INSTABILITY:	None
INCOMPATIBILITY:	Strong oxidizers, alkali metals
CONDITIONS OF REACTIVITY:	Heating above 200 deg. C over 30 minutes may cause decomposition.
HAZARDOUS DECOMPOSITION PRODUCTS:	HCl, short chain chlorinated hydrocarbons

7. TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN(CONTACT):	NO	SKIN(ABSORPTION):	NO	EYE CONTACT:	YES
INGESTION:	YES	INHALATION:	YES		

EFFECTS OF ACUTE EXPOSURE (Inhalation): N/A

EFFECTS OF CHRONIC EXPOSURE (Inhalation): N/A

EFFECTS OF ACUTE EXPOSURE (OTHER): N/A

EFFECTS OF CHRONIC EXPOSURE (OTHER): N/A

EXPOSURE LIMITS:	Non tested, as nuisance dust (T.W.A. = 10mg / m ³)
IRRITANCY:	N/A
SENSITIZATION:	N/A
CARCINOGENICITY:	N/A

REPRODUCTIVE TOXICITY:	N/A
TERATOGENICITY:	N/A
MUTAGENICITY:	N/A
TOXIC SYNERGISTIC EFFECTS:	N/A

8. PREVENTIVE MEASURES

PERSONAL PROTECTION

EYE:	Chemical goggles to protect from dusts.
HAND:	Impervious work gloves
FEET:	Safety footwear where required
CLOTHING:	Long sleeves, trousers recommended
RESPIRATOR:	Selection of Chemical cartridge respirators must be made based on contamination levels found in the work place. Use of S.C.B.A. or supplied air is recommended when risk of exposure is present (i.e. fire fighting)

ENGINEERING CONTROLS:

Provide exhaust ventilation to control concentration of dust accumulation. Provide general ventilation. Keep oil, grease, combustible materials away. Keep away from open flames. Avoid contact with strong oxidizers.

SPILL AND LEAK PROCEDURE:

Remove using dust aspirating equipment, shovels or brooms. Reprocess material.

WASTE DISPOSAL:

Semi-bulk (bags) should not be discarded, close openings to avoid contamination, return promptly to supplier. Residual product may have to be neutralized (See Reactivity Section) prior to container disposal. Empty containers may be disposed of only following Federal, Provincial and Municipal requirements.

HANDLING PROCEDURES & EQUIPMENT:

Use in ventilation areas. Use appropriate carts for moving containers. Secure container when in use. Prevent containers from falling. Close container when NOT in use, or when empty. Keep away from heat, flames, sparks.

STORAGE REQUIREMENTS:

Store in well ventilated area at a temperature below 52°C (125°F). Keep containers upright. Protect containers from physical damage. Segregate full and empty containers. Keep away from sources of ignition.

SPECIAL SHIPPING INFORMATION:

Transport upright in well ventilated vehicle. Do not transport in trunk of enclosed vehicle. Commercial quantities may NOT be transported in passenger compartments.

9. FIRST AID

EYE CONTACT:	Dust may harm the unprotected eye. WASH EYES WITH WATER FOR 15 MINUTED KEEPING EYELIDS APPART. Obtain medical attention IMMEDIATELY.
INGESTION:	If vomiting occurs, help victim to prevent aspiration. Get medical attention IMMEDIATELY.
INHALATION:	Keep victim quiet. Administer C.P.R. if breathing has stopped. Give oxygen if breathing is difficult. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT: Remove contaminated clothing, wash affected areas with water and soap. Obtain medical attention if irritation occurs.

THE TECHNICAL DATA GIVEN HEREIN HAS ARISEN OUT OF SCRUPULOUS RESEARCH BY US AND OTHERS. IT CAN BE REGARDED AS FULLY RELIABLE. NO GUARANTEE IS BEING GIVEN AS TO THE END USE PERFORMANCE. THE PRODUCT IS SOLD ON THE BASIS THAT BUYERS TEST THE PRODUCT FOR THEIR SPECIFIC PURPOSES. STATEMENTS MADE PREVIOUSLY ARE NOT MEANT AS AN INVITATION TO USE THEM IN INFRINGEMENT OF ANY PATENT RIGHT. ANY RESPONSIBILITY CONCERNING SAFETY PRESCRIPTIONS AND NON-TOXIC APPLICATIONS OF PRODUCTS IS DECLINED. FOR ADDITIONAL INFORMATION TELEPHONE MANUFACTURER.

N/A = NOT APPLICABLE

N/D = NOT DETERMINED