



Roytec Vinyl, a division of Royal Group Technologies Inc.

MATERIAL SAFETY DATA SHEET

M.S.D.S. No 101 Rev. 02

PVC COMPOUND

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name(s): PVC COMPOUND	Molecular Weight: N/A
Synonym(s): EXTRUSION COMPOUND, CAPSTOCK, SUBSTRATE, WHITE CONCENTRATE	W.H.M.I.S. class: NON REGULATED
Product Use: P.V.C. COMPOUNDED MATERIAL FOR THE MANUFACTURE OF FINISHED GOODS.	T.D.G. Class (es): Not Regulated
Chemical Formula: 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

SUPPLIER: ROYTEC VINYL, a division of Royal Group Technologies Inc.
 91 Royal Group Crescent
 Woodbridge, Ontario L4H 1X9
 Canada
 Office Phone: (905) 851-7756

EMERGENCY PHONE No: (905) 851-7756 (Technical Services)

2. PREPARATION INFORMATION

Preparation Date: October 2005
 Supersedes: M.S.D.S. No. 101 Rev.01
 Prepared by: Technical Services

3. HAZARDOUS INGREDIENTS

INGREDIENT (S)	C.A.S. / P.I.N. NUMBER (S)	Conc. % W. / W.	L.D. 50 (Species & Route)	L.C. 50 (Species & Route)	W.H.M.I.S. Classes
PVC COMPOUND	(PVC RESIN) 9002862	100	NONE		NON REGULATED

4. PHYSICAL DATA

PHYSICAL STATE:	Solid at N.T.P. (20°C & 1 atm).
COLOR AND APPEARANCE:	White or colored amorphous powder or pellets.
ODOUR THRESHOLD:	N/A
SPECIFIC GRAVITY:	Approx. 1.420
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	N/A
EVAPORATION RATE:	Not Applicable
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

5. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: Combustible when exposed to intense heat or flame

MEANS OF EXTINCTION: If ignited this material may be extinguished with Carbon Dioxide, Dry Powder, chemical foam or dry sand. When heated to decomposition, this material will emit acid smoke and irritating fumes. This material is water repellent. Extinguishing water must contain surface active agents. Upon burning or decomposing this material may emit HCl (Hydrogen Chloride) fumes/vapors. Such fumes/vapors when in contact with water will produce Hydrochloric acid which is very corrosive.

SPECIAL PROCEDURES: Keep upwind. Stay upwind and away from storage tank ends. Cool fire exposed containers until well after fire is out. Approach areas with S.C.B.A. and full chemical resistant clothes. Contain runoff water. Do not walk on spill area without protection.

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:	HCl, ClO, 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): None known

EFFECTS OF CHRONIC EXPOSURE (Inhalation): None known

EFFECTS OF ACUTE EXPOSURE (OTHER): None known

EFFECTS OF CHRONIC EXPOSURE (OTHER): None known

EXPOSURE LIMITS: As nuisance dust (T.W.A.=10mg / m³)
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 workplace. 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, and 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 ventilated 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 areas 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: Dust may harm the unprotected eye. WASH EYES WITH WATER FOR 15 MINUTES KEEPING EYELIDS APART. 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: 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 / SHIPPED ON THE BASIS THAT BUYERS / USERS 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 DISTRIBUTOR.