



## RE 124XX SERIES

Product: 114

Revision date: 2013/08/29

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product uses:** Plastic parts or components.

**Chemical family:** Plastics.

**Supplier:** Same as manufacturer.

**Manufacturer:** Plastique Reinier Inc.  
1877 ave Industrielle  
Marieville, Quebec  
J3M 1J5.

**Manufacturer emergency phone number:** Canutec 613-996-6666.

**Product name:** RE 12460 F BLACK, RE 12460 F WHITE 136 S, RE 12460 F WHITE 136S, RE 12460 F WHITE 1405B, RE 12460 F WHITE 1405S, RE 12460 F WHITE 518 A, RE 12460 F SANDSTONE C

RE 12470 BLACK, RE 12470 AF BLACK,

RE 12475 F

RE 12485 CLEAR 100, RE 12485 M, RE 12485 F CLEAR 100, RE 12485 UVF CLEAR 100

RE 12490 SERIES

RE 12492 A, RE 12492 C, RE 12492 CM.

**Information phone number:** 450-460-4488.

**Revision:** 003

### Section 2: INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
117-81-7	*	DI (2-ETHYLHEXYL) PHTHALATE	5 MG/M3	30,000 MG/KG RAT ORAL 1500 MG/KG MOUSE ORAL 34,000 MG/KG RABBIT ORAL 25,000 MG/KG RABBIT DERMAL	NOT AVAILABLE
1317-65-3	*	CALCIUM CARBONATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
1317-80-2	*	TITANIUM DIOXIDE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

## Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** Polyvinyl Chloride resin contains Vinyl Chloride monomer at levels not more than 10 ppm.

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This product may contain one or more of the ingredients listed in section 2, however they are bound within a solid pellet – there is little risk of entry.

## Section 3: HAZARD IDENTIFICATION

**Emergency overview:** Solid pellets with very faint odor. Not readily flammable. Not expected to cause adverse eye and skin effects. May cause mechanical irritation. This product contains an ingredient which may cause reproductive effects – it is bound in a solid pellet, there is little risk of entry.

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**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

### Effects of acute exposure

**Eye contact:** Dust may cause mechanical irritation.

**Skin contact:** Dust may cause drying and itching of the skin.

**Inhalation:** Dust or fumes may irritate upper respiratory tract.  
Exposure to dust is unlikely.

**Ingestion:** May cause choking.

**Effects of chronic exposure:** None known.

**Carcinogenic effects:** Polyvinyl Chloride contains Vinyl Chloride monomer, a suspected cancer causing agent.  
Not respirable under normal conditions of use.

## Section 4: FIRST AID MEASURES

**Skin contact:** Wash thoroughly with soap and water.  
If irritation occurs, consult a physician.

**Eye contact:** Do not rub eyes.  
Flush with running water for 5 minutes, lifting upper and lower lids occasionally.  
If irritation persists, get medical attention.

**Inhalation:** No necessary precautions under normal use.

**Ingestion:** If choking occurs, qualified personnel should administer first aid and seek medical attention.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

## Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable.

**Conditions of flammability:** PVC compound can be made to burn and will burn in a fire or significantly oxygen enriched atmosphere.

**Extinguishing media:** Use appropriate extinguishing media for surrounding fire.  
Decomposed Polyvinyl Chloride residue may float on water.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature (°C):** ~454°C (PVC Resin).  
ASTM D-1929.

**Flash point (°C), method:** ~391°C (PVC Resin).

**Lower flammability limit (% vol):** Not available.

**Upper flammability limit (% vol):** Not available.

#### Explosion Data

**Sensitivity to static discharge:** Take precautionary measures against static discharge.

**Sensitivity to mechanical impact:** Not available.

**Hazardous combustion products:** Carbon monoxide (CO).  
Carbon dioxide (CO<sub>2</sub>).  
Hydrogen chloride (HCl).  
Zinc compounds.  
Organic acids.  
Small amounts of Benzene.  
Aromatic and aliphatic hydrocarbons.  
Depending upon the specific formulation, Cadmium and or Barium combustion products may be present.

**Rate of burning:** Not available.

**Explosive power:** Not available.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Eliminate all sources of heat and ignition.  
Wear appropriate protective equipment.  
Contaminated material should be swept or shoveled into appropriate waste container for disposal.

### Section 7: HANDLING AND STORAGE

**Handling procedures and equipment:** Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.  
Avoid generating or breathing dust.  
Launder contaminated clothing prior to reuse.  
Avoid breathing fumes generated during processing.

**Storage requirements:** Keep containers closed when not in use.  
Keep away from heat, and ignition sources.  
Store in a cool, dry and well ventilated area.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary Measures

**Gloves/Type:** Wear protective gloves when handling hot plastic.

**Respiratory/Type:** When exposure to fumes is likely, wear a Niosh approved vapor mask.

**Eye/Type:**



Safety glasses.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust at points of emission.

**Exposure limit of material:** Not available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid

**Appearance & odor:** Pellets.  
Clear to opaque.  
Very slight odour.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not applicable.

**Vapour density (air=1):** Not applicable.

### Volatiles (%)

**By volume:** Not available.

**Evaporation rate  
(butyl acetate = 1):** Not applicable.

**Boiling point (°C):** Not available.

**Freezing point (°C):** Not applicable.

**pH:** Not available.

**Specific gravity @ 20 °C:** > 1.

**Solubility in water (%):** Not soluble.

**Coefficient of water\oil dist.:** Not applicable.

**VOC:** Not available.

## Section 10: STABILITY AND REACTIVITY

**Chemical stability:** Product is stable.

**Conditions of instability:** Contact with incompatible substances.  
Heat and open flames.  
At elevated temperatures, contact with products containing Amine or Acetal usually results in a rapid, violent reaction and material decomposition.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** Strong acids.  
Bases  
Aluminum (Al).  
Strong oxidizing agents.  
Fluorine.  
Ammonia salts.  
Acetal.  
Acetal copolymers.  
Aromatic solvents.

**Hazardous decomposition products:** See hazardous combustion products.

#### Section 11: TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Sensitization to product:** Contains a potential respiratory sensitizer.  
May become sensitized to processing fumes.

**Reproductive effects:** Dioctyl phthalate is a reproductive toxin.

**Teratogenicity:** Dioctyl phthalate is considered to be a teratogen.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

#### Section 12: ECOLOGICAL INFORMATION

**Environmental toxicity:** No data at this time.

**Environmental fate:** No data at this time.

#### Section 13: DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with municipal, provincial and federal regulations.

#### Section 14: TRANSPORT INFORMATION

**D.O.T. CLASSIFICATION:** Not regulated.

**Special shipping information:** Not regulated.

#### Section 15: REGULATORY INFORMATION

**TSCA inventory:** All components of this product are listed on the TSCA inventory.

**SARA hazard categories sections** Immediate (Acute) Health Hazard: No.

**311/312:** Delayed (Chronic) Health Hazard: Yes.

Fire Hazard: No.

Sudden Release of Pressure: No.

Reactive: No.

#### NFPA

**Health Hazard:** 1\*

**Flammability:** 0

**Physical hazard:** 0

**CA Proposition 65:** Di-Sec-Octyl (117-81-7).

<b>Section 16: OTHER INFORMATION</b>
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**Supplier MSDS date:** 2013/08/29.

**Data prepared by:** Conform-Action Data Systems  
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