



Specialty Polyesters Solutions

SAFETY DATA SHEET

Co-polyester Polyethylene Terephthalate Resin

Compliant SDS for GHS: HazCom 2012 / United States; WHMIS 2015 / Canada
and NMX-R-019-SCFI-2011 / Mexico

Made on: 03/15/2015

Updated on:

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

GHS product identifier	Co-polyester Polyethylene Terephthalate Resin
Chemical name	1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid and 1,2-ethanediol
Other means of identification	Not available.
Product type	Solid.
Identified uses	Manufacturing of films, fibers, bottles.
Supplier/Manufacturer	Selenis Canada Inc. 3498 rue Broadway Montreal, QC H1B 5B4 Tel: 1-514-640-2220, 1-877-788-7659
Emergency telephone number (with hours of operation)	CANUTEC: +1-613-996-6666 or *666 (cellular) 24/7

SECTION 2: Hazards identification

OSHA/HCS status	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
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Classification of the substance or mixture	Not classified.
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GHS label elements	
Signal word	No signal word.
Hazard statements	No known significant effects or critical hazards.

<u>Precautionary statements</u>	
General	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.

Hazards not otherwise classified (HNOC)

Physical hazards not otherwise classified (PHNOC)	Combustible dust.
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Health hazards

not otherwise

classified (HHNOC)

None known.

SECTION 3: Composition/information on ingredients

Substance/mixture

Mixture

Chemical name

1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid
and 1,2-ethanediol

Other means of

identification

Not available.

CAS number/other identifiers

CAS number

Not applicable.

Product code

Not available.

Ingredient name	%	CAS number
Co-polyester	60 - 100	24938-04-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

Description of necessary first aid measures

Eye contact

Get medical attention if irritation occurs.

Inhalation

Move exposed person to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician after significant exposure

Skin contact

Cool skin rapidly with cold water after contact with molten polymer. Do not peel polymer from the skin. Obtain medical attention.

Ingestion

Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

May cause mechanical irritation.

Inhalation

Not respirable in this form. Thermal processing of resin may generate fumes and vapors which may cause irritation to the nose and throat. Dust should be considered as a nuisance dust (see Section 8).

Skin contact

May cause mechanical irritation.

Ingestion

Not a probable route of exposure.

Over-exposure signs/symptoms



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Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Treat symptomatically.
Specific treatments	No specific treatment.
Protection of first-aiders	No special protection is required.

See toxicological information (Section 11)

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.

Specific hazards arising from the chemical	No specific fire or explosion hazard.
Hazardous thermal decomposition products	Decomposition products may include the following materials: <ul style="list-style-type: none">• carbon dioxide• carbon monoxide

Special protective actions for fire-fighters	Wear self-contained breathing apparatus and protective clothing.
Special protective equipment for fire-fighters	Not required.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Put on appropriate personal protective equipment.
For emergency responders	Not required.

Environmental precautions	Not applicable.
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Methods and materials for containment and cleaning up



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Spill Vacuum or sweep up material and place in a container for salvage or disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Protective measures Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures. Avoid contact with molten material. No special precautionary measures in normal processing. Minimize dust generation and accumulation.

Conditions for safe storage, including any incompatibilities No special handling or storage procedures required.

SECTION 8: Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

None.

Canada

Occupational exposure limits

None.

Mexico

None.

Appropriate engineering controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection Not required under normal conditions of use. Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields when working with molten material.

Skin protection

Hand protection If material is heated, wear gloves to protect against thermal burns.



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Body protection Not required.
Other skin protection Not required.

Respiratory protection Not required.

SECTION 9: Physical and chemical properties

Appearance

Physical state	Solid. [Granular.]
Color	Opaque white.
Odor	Odorless.
Odor threshold	Not available.
pH	Not available.
Melting point	>220°C
Boiling point	Not available.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Non-flammable.
Lower and upper explosive (flammable) limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	<300°C (<572°F)
Viscosity	Not available.
Volatility	Not available.
VOC (w/w)	0.0003 % (w/w)

SECTION 10: Stability and reactivity

Reactivity No specific test data related to reactivity available for this product or its ingredients.

Chemical stability The product is stable.

Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid No specific data.



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Incompatible materials Reactive with strong oxidizing agents.

Hazardous decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

There is no data available.

Irritation/Corrosion

There is no data available.

Sensitization

There is no data available.

Carcinogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on the likely routes of exposure Dermal contact. Eye contact. Inhalation.

Potential acute health effects

Eye contact

May cause mechanical irritation.

Inhalation

Not respirable in this form. Thermal processing of resin may generate fumes and vapors which may cause irritation to the nose and throat. Dust should be considered as a nuisance dust (see Section 8).

Skin contact

May cause mechanical irritation.

Ingestion

Not a probable route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact

No known significant effects or critical hazards.

Inhalation

No known significant effects or critical hazards.

Skin contact

No known significant effects or critical hazards.

Ingestion

No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects:

No known significant effects or critical hazards.



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Potential delayed effects

No known significant effects or critical hazards.

Long term exposure

Potential immediate

Effects

No known significant effects or critical hazards.

Potential delayed effects

No known significant effects or critical hazards.

Potential chronic health effects

General

No known significant effects or critical hazards.

Carcinogenicity

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Developmental effects

No known significant effects or critical hazards.

Fertility effects

No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

SECTION 12: Ecological information

Toxicity

There is no data available.

Persistence and degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil

Soil/water partition

coefficient (KOC)

No data available.

Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners



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may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	DOT	TDG / NOM-003-SCT	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

AERG : Not applicable.

Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available.

SECTION 15: Regulatory information

U.S. Federal regulations

TSCA 4(a) final test rules: Acetaldehyde
TSCA 8(a) PAIR: Acetaldehyde
United States inventory (TSCA 8b): All components are listed or exempted.
Clean Water Act (CWA) 307: Antimony trioxide
Clean Water Act (CWA) 311: Antimony trioxide; Acetaldehyde

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)

Not listed

Clean Air Act Section 602



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Class I Substances Not listed

Clean Air Act Section 602

Class II Substances Not listed

**DEA List I Chemicals
(Precursor chemicals)**

Not listed

**DEA List I Chemicals
(Precursor chemicals)**

Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ

Not applicable.

SARA 311/312

Classification

Not applicable.

SARA 313

No products were found.

State regulations

Massachusetts

None of the components are listed

New York

None of the components are listed.

New Jersey

None of the components are listed.

Pennsylvania

None of the components are listed.

California Prop. 65

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level (NSRL)	Maximum acceptable dosage level (MADL)
Antimony trioxide	Yes.	No.	No.	No.
Acetaldehyde	Yes.	No.	90 µg/day (inhalation)	No.

Canada

Canadian lists

Canadian NPRI

None of the components are listed.

CEPA Toxic substances

None of the components are listed.

Canada inventory

All components are listed or exempted.

International lists

National inventory

Australia

All components are listed or exempted.

China

All components are listed or exempted.

Europe

Not determined.



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Japan	All components are listed or exempted.
Malaysia	Not determined.
New Zealand	All components are listed or exempted.
Philippines	All components are listed or exempted.
Republic of Korea	All components are listed or exempted.
Taiwan	Not determined.

SECTION 16: Other information

History

Date of issue mm/dd/yyyy	03/15/2015
Version	1
Prepared by	KMK Regulatory Services Inc.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.