# CRO

# SAFETY DATA SHEET

# 1. Identification

Product identifier Clear Urethane Seal Coat - 311 g

Other means of identification

Product Code No. 72049 (Item# 1006120)

Recommended use Electrical coating
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

Company name CRC Canada Co.

Address 83 Galaxy Blvd
Unit 35 - 37

Toronto, ON M9W 5X6

Canada

**Telephone** 

**General Information** 416-847-7750

24-Hour Emergency

800-424-9300 (Canada)

(CHEMTREC)
Website

www.crc-canada.ca

E-mail Support.CA@crcindustries.com

#### 2. Hazard identification

Physical hazards Flammable aerosols Category 1

Gases under pressure

Physical hazards not otherwise classified

Skin corrosion/irritation

Category 1

Serious eye damage/eye irritation

Category 2A

Carcinogenicity Category 2
Reproductive toxicity (fertility) Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1

Environmental hazards Hazardous to the aquatic environment, acute Category 2

hazard

Hazardous to the aquatic environment,

long-term hazard

Category 3

#### Label elements

**Health hazards** 



Signal word Danger

Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if

swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility. Toxic to

aquatic life. Harmful to aquatic life with long lasting effects.

## **Precautionary statement**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face

protection. Avoid release to the environment.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON

SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get

medical advice/attention. IF exposed or concerned: Get medical advice/attention.

**Storage** Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated

place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

Static accumulating flammable liquid can become electrostatically charged even in bonded and

grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

Supplemental information None.

# 3. Composition/information on ingredients

#### **Mixtures**

Other hazards

Chemical name	Common name and synonyms	CAS number	%
acetone		67-64-1	15 - 40
naphtha (petroleum), hydrotreated light		64742-49-0	10 - 30
xylene		1330-20-7	7 - 13
propylene glycol methyl ether acetate		108-65-6	3 - 7
ethylbenzene		100-41-4	1 - 5
n-hexane		110-54-3	0.1 - 1
toluene		108-88-3	0.1 - 1

The exact percentage (concentration) of composition has been withheld as a trade secret.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER or doctor/physician if you feel unwell.

**Skin contact** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get

medical advice/attention. Wash contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If

vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

vomiting occurs, keep nead low so that stomach content doesn't get into the lungs.

sheet to the doctor in attendance.

symptoms/effects, acute and

Most important

**General information** 

media

delayed

Indication of immediate medical attention and special treatment needed

Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness.

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data

# 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Fire fighting equipment/instructions Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

General fire hazards

Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

# 7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

#### Occupational exposure limits

#### **US. ACGIH Threshold Limit Values**

Components	Туре	Value	
acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
ethylbenzene (CAS 100-41-4)	TWA	20 ppm	
n-hexane (CAS 110-54-3)	TWA	50 ppm	
toluene (CAS 108-88-3)	TWA	20 ppm	

Material name: Clear Urethane Seal Coat - 311 g

No. 72049 (Item# 1006120) Version #: 01 Issue date: 09-12-2019

SDS CANADA

<b>US. ACGIH</b>	Threshold	<b>Limit Values</b>
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Components	Туре	Value
xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm
Canada. Alberta OELs (Occupation	onal Health & Safety Code. Scl	hedule 1, Table 2)
Components	Туре	Value
acetone (CAS 67-64-1)	STEL	1800 mg/m3
		750 ppm
	TWA	1200 mg/m3
		500 ppm
ethylbenzene (CAS	STEL	543 mg/m3
100-41-4)		405
	T) A / A	125 ppm
	TWA	434 mg/m3
	T14/4	100 ppm
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	TWA	1590 mg/m3
04742-49-0)		400 ppm
n-hexane (CAS 110-54-3)	TWA	176 mg/m3
(0.00 0,		50 ppm
toluene (CAS 108-88-3)	TWA	188 mg/m3
		50 ppm
xylene (CAS 1330-20-7)	STEL	651 mg/m3
79.0 (0.1.0 1000 10 17	V. ==	150 ppm
	TWA	434 mg/m3
		100 ppm
Canada British Calumbia OELa	(Occupational Expenses Limit	• •
Safety Regulation 296/97, as ame		s for Chemical Substances, Occupational Health and
Components	Type	Value
acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
ethylbenzene (CAS 100-41-4)	TWA	20 ppm
n-hexane (CAS 110-54-3)	TWA	20 ppm
propylene glycol methyl ether acetate (CAS 108-65-6)	STEL	75 ppm
	TWA	50 ppm
toluene (CAS 108-88-3)	TWA	20 ppm
xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm
Canada. Manitoba OELs (Reg. 21	7/2006, The Workplace Safety	And Health Act)
Components	Туре	Value
acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm

ethylbenzene (CAS 100-41-4)

TWA

20 ppm

n-hexane (CAS 110-54-3) toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Ontario OELs. (Control of Exp. Components acetone (CAS 67-64-1)  ethylbenzene (CAS 100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lai	Type  STEL TWA TWA TWA TWA TWA TWA TWA TWA STEL TWA	50 ppm 20 ppm 150 ppm 150 ppm 100 ppm  mical Agents) Value  500 ppm 250 ppm 20 ppm 50 ppm 270 mg/m3  50 ppm 20 ppm 150 ppm 150 ppm 150 ppm
xylene (CAS 1330-20-7)  Canada. Ontario OELs. (Control of Exp. Components  acetone (CAS 67-64-1)  ethylbenzene (CAS 100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lal	STEL TWA  Posure to Biological or Che Type  STEL TWA	150 ppm 100 ppm mical Agents) Value  500 ppm 250 ppm 20 ppm 50 ppm 270 mg/m3  50 ppm 20 ppm 150 ppm
Canada. Ontario OELs. (Control of Exp Components  acetone (CAS 67-64-1)  ethylbenzene (CAS 100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lal	TWA posure to Biological or Che Type  STEL TWA	100 ppm  mical Agents) Value  500 ppm 250 ppm 20 ppm 50 ppm 270 mg/m3  50 ppm 20 ppm 150 ppm
components acetone (CAS 67-64-1)  ethylbenzene (CAS 100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lal	STEL TWA	wical Agents) Value  500 ppm 250 ppm 20 ppm 50 ppm 270 mg/m3  50 ppm 20 ppm 150 ppm
components acetone (CAS 67-64-1)  ethylbenzene (CAS 100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lal	Type  STEL TWA TWA TWA TWA TWA TWA TWA TWA STEL TWA	500 ppm 250 ppm 20 ppm 50 ppm 270 mg/m3 50 ppm 20 ppm 150 ppm
ethylbenzene (CAS 100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6) toluene (CAS 108-88-3) xylene (CAS 1330-20-7) Canada. Quebec OELs. (Ministry of Lal	TWA TWA TWA TWA TWA TWA STEL TWA	250 ppm 20 ppm 50 ppm 270 mg/m3 50 ppm 20 ppm 150 ppm
100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of La	TWA TWA TWA  TWA STEL TWA	20 ppm 50 ppm 270 mg/m3 50 ppm 20 ppm 150 ppm
100-41-4) n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of La	TWA TWA  TWA  STEL TWA	50 ppm 270 mg/m3 50 ppm 20 ppm 150 ppm
n-hexane (CAS 110-54-3) propylene glycol methyl ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3) xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lal	TWA STEL TWA	270 mg/m3 50 ppm 20 ppm 150 ppm
ether acetate (CAS 108-65-6)  toluene (CAS 108-88-3)  xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of Lal	TWA STEL TWA	50 ppm 20 ppm 150 ppm
xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of La	STEL TWA	20 ppm 150 ppm
xylene (CAS 1330-20-7)  Canada. Quebec OELs. (Ministry of La	STEL TWA	150 ppm
Canada. Quebec OELs. (Ministry of La	TWA	
		100 nnm
	hor - Regulation respecting	тоо ррпп
Components	Type	g occupational health and safety) Value
acetone (CAS 67-64-1)	STEL	2380 mg/m3
		1000 ppm
	TWA	1190 mg/m3
		500 ppm
ethylbenzene (CAS 100-41-4)	STEL	543 mg/m3
		125 ppm
	TWA	434 mg/m3
		100 ppm
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	TWA	1590 mg/m3
		400 ppm
n-hexane (CAS 110-54-3)	TWA	176 mg/m3
		50 ppm
toluene (CAS 108-88-3)	TWA	188 mg/m3
		50 ppm
xylene (CAS 1330-20-7)	STEL	651 mg/m3
		150 ppm
	TWA	434 mg/m3
		100 ppm
Canada. Saskatchewan OELs (Occupa Components	tional Health and Safety Re Type	egulations, 1996, Table 21) Value
acetone (CAS 67-64-1)	15 minute	750 ppm
,	8 hour	500 ppm
ethylbenzene (CAS	15 minute	125 ppm
100-41-4)	8 hour	100 ppm

Canada. Saskatchewan OEL	s (Occupational Health and Safety	Regulations, 1996, Table 21)

Components	Туре	Value	
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	15 minute	500 ppm	
	8 hour	400 ppm	
n-hexane (CAS 110-54-3)	15 minute	62.5 ppm	
	8 hour	50 ppm	
toluene (CAS 108-88-3)	15 minute	60 ppm	
	8 hour	50 ppm	
xylene (CAS 1330-20-7)	15 minute	150 ppm	
	8 hour	100 ppm	

# **Biological limit values**

Components	Value	Determinant	Specimen	Sampling Time
acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
n-hexane (CAS 110-54-3)	0.5 mg/l	2,5-Hexanedio ne, without hydrolysis	Urine	*
toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

<sup>\* -</sup> For sampling details, please see the source document.

## **Exposure guidelines**

Canada - Alberta OELs: Skin designation

n-hexane (CAS 110-54-3)

Can be absorbed through the skin.
toluene (CAS 108-88-3)

Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation

n-hexane (CAS 110-54-3) Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

n-hexane (CAS 110-54-3) Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation

n-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Canada - Quebec OELs: Skin designation

n-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

n-hexane (CAS 110-54-3)

Can be absorbed through the skin.

Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation** 

n-hexane (CAS 110-54-3) Can be absorbed through the skin.

# Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product.

# Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin protection

**Hand protection** Wear protective gloves such as: Nitrile. Rubber. Polyvinyl alcohol (PVA).

Other Wear appropriate chemical resistant clothing.

Respiratory protection If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a

NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to

determine actual employee exposure levels.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using, do not eat, drink or smoke. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove

contaminants.

# 9. Physical and chemical properties

**Appearance** 

Physical state Liquid.
Form Aerosol.
Color Clear.
Odor Solvent.
Odor threshold Not available.
pH Not available.

Melting point/freezing point -244.7 °F (-153.7 °C) estimated Initial boiling point and boiling 118.4 °F (48 °C) estimated

range

Flash point -4 °F (-20 °C) Tag Closed Cup

**Evaporation rate** Fast.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower 1 % estimated

(%)

Flammability limit - upper

(%)

12.8 % estimated

Vapor pressure 1480.9 hPa estimated

Vapor density > 1 (air = 1)

Relative density 0.75 estimated

Solubility(ies)

Solubility (water) Slightly soluble.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 550 °F (287.8 °C) estimated

**Decomposition temperature** Not available. **Viscosity** Not available.

Other information

Percent volatile 80.8 %

## 10. Stability and reactivity

**Reactivity**The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Heat, flames and sparks. Contact with incompatible materials.

**Incompatible materials** Strong acids. Strong oxidizing agents. Halogens.

Hazardous decomposition

products

Carbon oxides. Hydrocarbons.

# 11. Toxicological information

# Information on likely routes of exposure

**Inhalation** May cause drowsiness and dizziness. Headache. Nausea, vomiting.

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye irritation.

**Ingestion** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

#### Information on toxicological effects

**Acute toxicity** May be fatal if swallowed and enters airways. Narcotic effects.

Components Species Test Results

acetone (CAS 67-64-1)

**Acute** 

Dermal

LD50 Rabbit > 15800 mg/kg 20000 mg/kg

Inhalation

LC50 Rat 76 mg/l, 4 Hours

Oral

LD50 Rat 5800 mg/kg

ethylbenzene (CAS 100-41-4)

**Acute** 

Dermal

LD50 Rabbit 15400 mg/kg

Oral

LD50 Rat 3500 mg/kg

naphtha (petroleum), hydrotreated light (CAS 64742-49-0)

Acute

Dermal

LD50 Rabbit > 2000 mg/kg

Inhalation

LC50 Rat 61 mg/l, 4 Hours

Oral

LD50 Rat > 5000 mg/kg

n-hexane (CAS 110-54-3)

**Acute** 

Dermal

LD50 Rabbit > 1300 mg/kg

Oral

LD50 Rat 15840 mg/kg

propylene glycol methyl ether acetate (CAS 108-65-6)

**Acute** 

Oral

LD50 Rat 8500 mg/kg

toluene (CAS 108-88-3)

**Acute** 

Dermal

LD50 Rabbit > 5000 mg/kg

Material name: Clear Urethane Seal Coat - 311 g

Components Species		Test Results	
Inhalation			
LC50	Rat	12.5 mg/l, 4 hours	
Oral			
LD50	Rat	5580 mg/kg	
xylene (CAS 1330-20-7)			
<u>Acute</u>			
Dermal			
LD50	Rabbit	> 4300 mg/kg	
Inhalation			
LC50	Rat	29 mg/l, 4 hours	

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye

Causes serious eye irritation.

irritation

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

**Carcinogenicity** Suspected of causing cancer.

**ACGIH Carcinogens** 

acetone (CAS 67-64-1) A4 Not classifiable as a human carcinogen.

ethylbenzene (CAS 100-41-4)

A3 Confirmed animal carcinogen with unknown relevance to

humans.

toluene (CAS 108-88-3)

A4 Not classifiable as a human carcinogen.

xylene (CAS 1330-20-7)

A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

acetone (CAS 67-64-1) Not classifiable as a human carcinogen.

ethylbenzene (CAS 100-41-4) Confirmed animal carcinogen with unknown relevance to humans.

toluene (CAS 108-88-3)

Not classifiable as a human carcinogen.

xylene (CAS 1330-20-7)

Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.

toluene (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans. xylene (CAS 1330-20-7)

3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in

laboratory animals. Suspected of damaging fertility.

Specific target organ toxicity -

single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects Prolonged exposure may cause chronic effects.

# 12. Ecological information

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

			3 3
Components		Species	Test Results
acetone (CAS 67-64-1	1)		
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Acute			
Crustacea	EC50	Daphnia magna	10294 - 17704 mg/l, 48 hours

Components		Species	Test Results
ethylbenzene (CAS 100-	-41-4)		
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	1.8 mg/l, 48 hours
Fish	LC50	Fish	5.1 mg/l, 96 hours
naphtha (petroleum), hy	drotreated light (0	CAS 64742-49-0)	
Aquatic			
Acute			
Crustacea	EC50	Daphnia	1 - 10 mg/l, 48 hours
Fish	LC50	Fish	1 - 10 mg/l, 96 hours
n-hexane (CAS 110-54-	3)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales prome	elas) 2.101 - 2.981 mg/l, 96 hours
toluene (CAS 108-88-3)			
Acute			
Other	EC50	Pseudokirchnerella subcapitata	433 mg/l, 96 hours
			12.5 mg/l, 72 hours
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	6 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	5.5 mg/l, 96 hours
xylene (CAS 1330-20-7)	ı		
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	6.702 - 10.032 mg/l, 96 hours
Acute			
Crustacea	EC50	Daphnia magna	3.82 mg/l, 48 hours

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

## Bioaccumulative potential

Partition coefficient n-octanol / w	rater (log Kow)
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acetone	-0.24
ethylbenzene	3.15
n-hexane	3.9
toluene	2.73
xylene	3.12 - 3.2

**Bioconcentration factor (BCF)** 

ethylbenzene

naphtha (petroleum), hydrotreated light 10 - 25000 toluene 90 xylene 23.99

Mobility in soil No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### potential, endocate distaplien, global training potential, and expedien

# 13. Disposal considerations

**Disposal instructions**Contents under pressure. Do not puncture, incinerate or crush. Empty container can be recycled.

Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of

contents/container in accordance with local/regional/national regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

# 14. Transport information

**TDG** 

UN1950 **UN** number

**UN** proper shipping name AEROSOLS, flammable, Limited Quantity

Transport hazard class(es)

2.1 Subsidiary risk

Packing group Not applicable.

**Environmental hazards** 

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions

**IATA** 

**UN** number UN1950

UN proper shipping name Aerosols, flammable, Limited Quantity Transport hazard class(es)

Class 2.1

Subsidiary risk

Not applicable. Packing group

**ERG Code** 

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

Allowed with restrictions.

aircraft

Cargo aircraft only Allowed with restrictions.

**IMDG** 

**UN** number UN1950

UN proper shipping name AEROSOLS, Limited Quantity

Transport hazard class(es)

2.1 **Class** Subsidiary risk

Packing group Not applicable.

**Environmental hazards** 

Marine pollutant No.

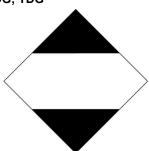
**EmS** Not available.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

# IATA



IMDG; TDG



# 15. Regulatory information

## Canadian regulations

Canada. Excluded VOCs. Guidelines for Volatile Organic Compounds in Consumer Products. CEPA 1999. Environment Canada, as amended

acetone (CAS 67-64-1)

**Controlled Drugs and Substances Act** 

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Not listed.

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

acetone (CAS 67-64-1) ethylbenzene (CAS 100-41-4) toluene (CAS 108-88-3) xylene (CAS 1330-20-7)

**Precursor Control Regulations** 

acetone (CAS 67-64-1) Class B Class B toluene (CAS 108-88-3)

International regulations

Stockholm Convention

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto protocol** 

Not applicable.

**Montreal Protocol** 

**Basel Convention** 

Not applicable.

Not applicable.

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

Taiwan Taiwan Chemical Substance Inventory (TCSI) No United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

country(s).

# 16. Other information

Issue date 09-12-2019

Version # 01

Material name: Clear Urethane Seal Coat - 311 g SDS CANADA

<sup>\*</sup>A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing

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## **Revision information**

This document has undergone significant changes and should be reviewed in its entirety.