

SAFETY DATA SHEET

1. Identification

Product identifier	Rubberized Undercoating			
Other means of identification				
Product Code	No. 75034 (Item# 1006301)			
Recommended use	Automotive undercoating			
Recommended restrictions	None known.			
Manufacturer/Importer/Supplie	r/Distributor information			
Manufactured or sold by:				
Company name	CRC Canada Co.			
Address	2-1246 Lorimar Drive			
	Mississauga, Ontario L5S 1R2			
	Canada			
Telephone				
General Information	905-670-2291			
24-Hour Emergency	800-424-9300 (Canada)			
(CHEMTREC)	703-527-3887 (International)			
Website	www.crc-canada.ca			
E-mail	Support.CA@crcindustries.com			
2. Hazard(s) identificatio	n			
Physical hazards	Flammable aerosols	Category 1		
	Gases under pressure	Liquefied gas		
Health hazards	Skin corrosion/irritation	Category 2		
	Carcinogenicity	Category 1A		
	Reproductive toxicity (the unborn child)	Category 2		
	Specific target organ toxicity, single exposure	Category 3 narcotic effects		
	Specific target organ toxicity, repeated exposure	Category 2 (central nervous system, kidney, peripheral nervous system)		
	Aspiration hazard	Category 1		
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2		
	Hazardous to the aquatic environment, long-term hazard	Category 2		
Label elements				

Signal word Hazard statement



Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. May cause cancer. Suspected of damaging the unborn child. May cause damage to organs (central nervous system, kidney, peripheral nervous system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Danger

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. Do not breathe 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. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention. Collect spillage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards	None known.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
toluene		108-88-3	30 - 60
isobutane		75-28-5	7 - 13
solvent naphtha (petroleum), light aliph.		64742-89-8	7 - 13
propane		74-98-6	5 - 10
carbon black		1333-86-4	0.5 - 1.5
methanol		67-56-1	0.1 - 1
quartz		14808-60-7	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	Rinse with water. 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.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Skin irritation. May cause redness and pain. Edema. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	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 sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media	Water fog. 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 rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
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 rupture when exposed to heat or flame.
6. Accidental release mea	asures
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. Do not breathe 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

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

disposal, see section 13 of the SDS.

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. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. 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 2 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

Environmental precautions

Components	Туре	Value	Form	
carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.	
isobutane (CAS 75-28-5)	STEL	1000 ppm		
methanol (CAS 67-56-1)	STEL	250 ppm		
	TWA	200 ppm		
quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.	
toluene (CAS 108-88-3)	TWA	20 ppm		
Canada. Alberta OELs (Occupatio	onal Health & Safety Code, Scl	hedule 1, Table 2)		
Components	Туре	Value	Form	
carbon black (CAS 1333-86-4)	TWA	3.5 mg/m3		
methanol (CAS 67-56-1)	STEL	328 mg/m3		

	Туре	Value	Form
		250 ppm	
	TWA	262 mg/m3	
		200 ppm	
opane (CAS 74-98-6) TWA		1000 ppm 0.025 mg/m3	
quartz (CAS 14808-60-7)	AS 14808-60-7) TWA		Respirable particles.
solvent naphtha	TWA	1590 mg/m3	
(petroleum), light aliph.			
CAS 64742-89-8)		100	
	TWA	400 ppm	
oluene (CAS 108-88-3)	IVVA	188 mg/m3	
		50 ppm	
Canada. British Columbia OELs. (s for Chemical Substances, Oc	cupational Health and
Safety Regulation 296/97, as ame Components	nded) Type	Value	Form
-			-
carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable
sobutane (CAS 75-28-5)	TWA	1000 ppm	
nethanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
propane (CAS 74-98-6)	TWA	1000 ppm	
guartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
oluene (CAS 108-88-3)	TWA	20 ppm	
Canada. Manitoba OELs (Reg. 217 Components	7/2006, The Workplace Safety / Type	And Health Act) Value	Form
carbon black (CAS	TWA	3 mg/m3	Inhalable fraction.
333-86-4)			
sobutane (CAS 75-28-5)	STEL	1000 ppm	
nethanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
oluene (CAS 108-88-3)	TWA	20 ppm	
Canada. Ontario OELs. (Control o	f Exposure to Biological or Ch	nemical Agents)	
Components	Туре	Value	Form
	TWA	3 mg/m3	Inhalable fraction.
carbon black (CAS		o ng/no	
1333-86-4)		o mg/mo	
1333-86-4) sobutane (CAS 75-28-5)	TWA	800 ppm	
333-86-4) sobutane (CAS 75-28-5)		800 ppm 250 ppm	
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1)	TWA	800 ppm	
1333-86-4) sobutane (CAS 75-28-5) methanol (CAS 67-56-1) propane (CAS 74-98-6)	TWA STEL	800 ppm 250 ppm	
1333-86-4) sobutane (CAS 75-28-5) methanol (CAS 67-56-1) propane (CAS 74-98-6)	TWA STEL TWA	800 ppm 250 ppm 200 ppm	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7)	TWA STEL TWA TWA	800 ppm 250 ppm 200 ppm 1000 ppm	
1333-86-4) sobutane (CAS 75-28-5) methanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3)	TWA STEL TWA TWA TWA TWA	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry 6	TWA STEL TWA TWA TWA TWA	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS	TWA STEL TWA TWA TWA TWA TWA	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work End	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4)	TWA STEL TWA TWA TWA of Labor - Regulation Respecti Type TWA	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Em Value 3.5 mg/m3	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4)	TWA STEL TWA TWA TWA TWA of Labor - Regulation Respecti Type	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Env Value 3.5 mg/m3 328 mg/m3	Respirable fraction.
333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) guartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4)	TWA STEL TWA TWA TWA of Labor - Regulation Respect Type TWA STEL	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Em Value 3.5 mg/m3 328 mg/m3 250 ppm	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) oropane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4)	TWA STEL TWA TWA TWA of Labor - Regulation Respecti Type TWA	800 ppm 250 ppm 200 ppm 1000 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Em Value 3.5 mg/m3 328 mg/m3 250 ppm 262 mg/m3	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4) nethanol (CAS 67-56-1)	TWA STEL TWA TWA TWA of Labor - Regulation Respect Type TWA STEL TWA	800 ppm 250 ppm 200 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Em Value 3.5 mg/m3 328 mg/m3 250 ppm 262 mg/m3 200 ppm	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4) nethanol (CAS 67-56-1)	TWA STEL TWA TWA TWA of Labor - Regulation Respect Type TWA STEL	800 ppm 250 ppm 200 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Env Value 3.5 mg/m3 328 mg/m3 250 ppm 262 mg/m3 200 ppm 1800 mg/m3	Respirable fraction.
1333-86-4) sobutane (CAS 75-28-5) nethanol (CAS 67-56-1) oropane (CAS 74-98-6) quartz (CAS 14808-60-7) oluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4) nethanol (CAS 67-56-1)	TWA STEL TWA TWA TWA of Labor - Regulation Respect Type TWA STEL TWA TWA	800 ppm 250 ppm 200 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Env Value 3.5 mg/m3 328 mg/m3 250 ppm 262 mg/m3 200 ppm 1800 mg/m3 1000 ppm	Respirable fraction. vironment) Form
carbon black (CAS 1333-86-4) sobutane (CAS 75-28-5) methanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) toluene (CAS 108-88-3) Canada. Quebec OELs. (Ministry of Components carbon black (CAS 1333-86-4) methanol (CAS 67-56-1) propane (CAS 74-98-6) quartz (CAS 14808-60-7) solvent naphtha	TWA STEL TWA TWA TWA of Labor - Regulation Respect Type TWA STEL TWA	800 ppm 250 ppm 200 ppm 0.1 mg/m3 20 ppm ing the Quality of the Work Env Value 3.5 mg/m3 328 mg/m3 250 ppm 262 mg/m3 200 ppm 1800 mg/m3	Respirable fraction.

(petroleum), light aliph. (CAS 64742-89-8)

Components		Туре	Va	llue Form
toluene (CAS 108-88-3) TWA		TWA	188 mg/m3 50 ppm	
ological limit values				
ACGIH Biological Exposu	re Indices			
Components	Value	Determinant	Specimen	Sampling Time
methanol (CAS 67-56-1)	15 mg/l	Methanol	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	*
* - For sampling details, ple	ase see the sourc	e document.		
posure guidelines				
Canada - Alberta OELs: S	kin designation			
methanol (CAS 67-56- toluene (CAS 108-88-3	3)	Can be	e absorbed throu e absorbed throu	
Canada - British Columbi		•		
methanol (CAS 67-56- Canada - Manitoba OELs:	Skin designation	ı	e absorbed throu	-
methanol (CAS 67-56-	,	Can be	e absorbed throu	igh the skin.
Canada - Ontario OELs: S	•			
methanol (CAS 67-56- Canada - Quebec OELs: S	,	Can be	e absorbed throu	igh the skin.
methanol (CAS 67-56- toluene (CAS 108-88-3	3)	Can be	e absorbed throu e absorbed throu	
Canada - Saskatchewan C				
methanol (CAS 67-56- toluene (CAS 108-88-3 US ACGIH Threshold Lim	3)	Can be	e absorbed throu e absorbed throu	
		-	abaarbad throu	ich the ekin
methanol (CAS 67-56-	-		e absorbed throu	nour) should be used. Ventilation rates
ppropriate engineering ntrols	should be ma or other engin exposure limit	tched to conditions. If ap eering controls to mainta	plicable, use pro ain airborne level hed, maintain air	cess enclosures, local exhaust ventilation, Is below recommended exposure limits. If rborne levels to an acceptable level. Eye
dividual protection measure				
Eye/face protection	Wear safety g	lasses with side shields	(or goggles).	
Skin protection				
Hand protection	Wear protective	ve gloves such as: Nitrile	·-	
Other	-	iate chemical resistant cl		
Respiratory protection	NIOSH-appro breathing app	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use 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		iate thermal protective cl		cessary.
eneral hygiene nsiderations	personal hygi	ene measures, such as v or smoking. Routinely w	vashing after har	n using do not smoke. Always observe good ndling the material and before eating, g and protective equipment to remove

AppearancePhysical stateLiquid.FormAerosol.ColorBlack.OdorAromatic.

Odor threshold	2.14 ppm		
рН	Not available.		
Melting point/freezing point	-138.8 °F (-94.9 °C) estimated		
Initial boiling point and boiling range	95 °F (35 °C) estimated		
Flash point	-0.00004 °F (-17.8 °C) estimated		
Evaporation rate	Moderate.		
Flammability (solid, gas)	Not available.		
Upper/lower flammability or exp	plosive limits		
Flammability limit - lower (%)	1.3 % estimated		
Flammability limit - upper (%)	36 % estimated		
Vapor pressure	1779 hPa estimated		
Vapor density	> 1 (air = 1)		
Relative density	0.6		
Solubility(ies)			
Solubility (water)	Negligible.		
Partition coefficient (n-octanol/water)	Not available.		
Auto-ignition temperature	550 °F (287.8 °C) estimated		
Decomposition temperature	Not available.		
Viscosity	Not available.		
Other information			
Percent volatile	65 % estimated		
10. Stability and reactivity	у		
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.		

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. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.	
Skin contact	Causes skin irritation.	
Eye contact	Direct contact with eyes may cause temporary 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. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Skin irritation. May cause redness and pain. Edema.	
Information on toxicological effects		
Acute toxicity	May be fatal if swallowed and enters airways.	

Components	Species	Test Results
carbon black (CAS 1333-86-4)		
<u>Acute</u>		
Oral		
LD50	Rat	> 8000 mg/kg
propane (CAS 74-98-6)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
quartz (CAS 14808-60-7)		
Acute		
Oral		
LD50	Rat	500 mg/kg
solvent naphtha (petroleum), light	aliph. (CAS 64742-89-8)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
. ,	e based on additional compone	nt data not shown.
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may	cause temporary irritation.
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected t	o 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	May cause cancer.	
ACGIH Carcinogens		
carbon black (CAS 1333-	86-4)	A3 Confirmed animal carcinogen with unknown relevance to
		humans.
quartz (CAS 14808-60-7) toluene (CAS 108-88-3)		A2 Suspected human carcinogen.
Canada - Alberta OELs: Car	cinogen category	A4 Not classifiable as a human carcinogen.
quartz (CAS 14808-60-7)	• • •	Suspected human carcinogen.
Canada - Manitoba OELs: ca		
carbon black (CAS 1333-	86-4)	Confirmed animal carcinogen with unknown relevance to humans
quartz (CAS 14808-60-7)		Suspected human carcinogen.
toluene (CAS 108-88-3)		Not classifiable as a human carcinogen.
Canada - Quebec OELs: Car		
quartz (CAS 14808-60-7)	Evaluation of Carcinogenicity	Suspected carcinogenic effect in humans.
carbon black (CAS 1333-		2B Possibly carcinogenic to humans.
quartz (CAS 14808-60-7)		1 Carcinogenic to humans.
toluene (CAS 108-88-3)		3 Not classifiable as to carcinogenicity to humans.
US. National Toxicology Pro	ogram (NTP) Report on Carcin	logens
quartz (CAS 14808-60-7)		Known To Be Human Carcinogen.
Reproductive toxicity	Suspected of damaging the u	nborn child.
Specific target organ toxicity - single exposure	May cause drowsiness and d	izziness.
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeate	s (central nervous system, kidney, peripheral nervous system) d exposure.
Aspiration hazard	May be fatal if swallowed and	enters airways.
Chronic effects	-	through prolonged or repeated exposure. Prolonged inhalation may
		ure may cause chronic effects.

12. Ecological information

otoxicity	Toxic to a	equatic life with long lasting effects.	
Components		Species	Test Results
methanol (CAS 67-56-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
solvent naphtha (petrole	um), light aliph. (CAS 64742-89-8)	
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
			8.8 mg/l, 96 hours
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	1.5 mg/l, 48 hours
toluene (CAS 108-88-3)			
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

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Bioaccumulative potential

Partition coefficient r	n-octanol / water (log Kow)
isobutane	2.76
methanol	-0.77
propane	2.36
toluene	2.73
Bioconcentration fac	tor (BCF)
toluene	90
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.

13. Disposal considerations

Disposal of waste from residues / unused products	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.
Hazardous waste code	Not regulated.
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	
UN number	UN1950
UN proper shipping name	AEROSOLS, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	80

ΙΑΤΑ

IAIA	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS, Limited Quantity
Transport hazard class(es)	
Class	2.1
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.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.
15. Regulatory information	1
Canadian regulations	This product has been classified in accordance with the hazard criteria of the HPR and the SDS

contains all the information required by the HPR. **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) methanol (CAS 67-56-1) toluene (CAS 108-88-3) **Precursor Control Regulations** toluene (CAS 108-88-3) Class B International regulations **Stockholm Convention** Not applicable. **Rotterdam Convention** Not applicable. Kyoto protocol Not applicable. Montreal Protocol

Not applicable. Basel Convention

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)	Yes
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
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all compo	nents of this product comply with the inventory requirements administered by the governing country(s)	

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 country(s).

16. Other information

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