SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015

Date Prepared : 11/30/2015
SDS No : BGG2W_Part A Gator Guard II Bedliner White_ENG
Date Revised : 06/28/2017
Revision No : 1

BGG2W Part A GATOR GUARD II Multi-Purpose Epoxy Bedliner and Industrial Coating

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: BGG2W Part A GATOR GUARD II Multi-Purpose Epoxy Bedliner and Industrial Coating
Product Description: Part A Epoxy Bedliner Coating, 850 ml / 28.7 fl oz US
General Use: Epoxy Coating - Vehicle Refinishing Product
Product Stock/Code: BGG2W / 100098 White / Blanc (Kit: 1.7 L / 1.8 qt US)
Chemical Family: Epoxy / époxy
Molecular Formula: Mixture / Mélange

Manufacturer / Supplier
Dominion Sure Seal Ltd.
6175 Danville Road, Mississauga
Ontario, Canada L5T 2H7
Fax: 905-670-5174
www.dominionsureseal.com
Customer Service: 905-670-5411

Emergency Telephone Numbers (24 hour)
CANUTEC : (613) 996-6666
CHEMTREC : (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

Health hazards:

Skin Irritation, Category 2
Eye Irritation, Category 2A
Skin Sensitization, Category 1
Reproductive Toxicity, Category 2
Carcinogenicity, Category 2

Physical hazards:

Not classified

Label elements

Hazardous components for labelling:
Epoxy resin, Benzyl alcohol, 4-Nonylphenol (branched) and Titanium dioxide


Exclamation mark


Health hazard

Signal Word: WARNING

Hazard statement(s)

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H351: Suspected of causing cancer.
H361: Suspected of damaging fertility or the unborn child.

Precautionary statement(s)

Prevention:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves, protective clothing and eye protection.
P261: Avoid breathing mist, vapours or spray.

Response:

P308+P313: IF exposed or concerned: Get medical advice/ attention.
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

Hazards Not Otherwise Classified: No data available.

Emergency Overview

Immediate concerns: Causes serious eye irritation. Causes skin irritation. May cause sensitization by skin contact. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash. Possible risk of harm to the unborn child. Suspected of causing cancer.

Comments: See sections 9 and 10 for more detailed information on physicochemical effects.
See section 11 for more detailed information on health effects.
See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes

precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS number
Bisphenol A / epichlorohydrin epoxy resin	42 - 45	25068-38-6
Titanium dioxide	12 - 14	13463-67-7
Benzyl alcohol	7 - 9	100-51-6
4-Nonylphenol (branched)	0.7 - 1.2	84852-15-3

Comments: There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

4. FIRST AID MEASURES

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention, if irritation persists.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and wash before reuse.

Ingestion: Do not induce vomiting. Rinse mouth with water. Give 1 to 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. If you experience eye watering, headaches or dizziness, increase fresh air or leave the area.

Signs and Symptoms of Overexposure

Eye Contact: Contact causes serious eye irritation. Symptoms may include pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin Contact: Causes skin irritation. Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with very small amount of the liquid material.

Ingestion: Substance may be harmful if swallowed. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility.

Additional Information: No data available.

5. FIRE FIGHTING MEASURES

Flammable Properties: Will burn if involved in a fire.

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Use an extinguishing agent suitable for the surrounding fire.

Hazardous Combustion Products: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire Fighting Procedures: Containers can build up pressure if exposed to heat (fire).

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Sensitivity to Static Discharge: Product is not sensitive to static discharge.

Sensitivity to Mechanical Impact: Product is not sensitive to mechanical impact.

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Avoid contact with eyes, skin, and clothing.

Environmental Precautions

Water Spill: Do not flush to sewer.

Land Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Special Protective Equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

7. HANDLING AND STORAGE

General Procedures: Ensure thorough ventilation of stores and work areas.

Handling: Do not use in the presence of open flame or spark. Wear recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. After handling, always wash hands thoroughly with soap and water.

Storage: Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Protect from physical damage. Keep containers tightly closed, when not in use. Store in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
	Occupational Exposure Limits			
Chemical Name	**Type**		**ppm**	**mg/m³**
Bisphenol A / epichlorohydrin epoxy resin	**USA OEL**	**-**	-- [1]	-- [1]
Titanium dioxide	**OSHA PEL**	**TWA**	-- [2]	15 [2]
	ACGIH TLV	**TWA**	-- [2]	10 [2]
Benzyl alcohol	**USA OEL**	**-**	[1]	[1]
	Finland	**TWA**	10	45
4-Nonylphenol (branched)	**USA OEL**	**-**	-- [1]	-- [1]

Footnotes:
1. This material does not have established exposure limits in the USA under OSHA, NIOSH, ACGIH.
2. Dust - total fraction.

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eyes and Face: Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

Skin Contact: Wear chemical resistant gloves.

Respiratory: Generally not required. Wear respiratory protection if ventilation is inadequate.

Protective Clothing: Wear protective clothing as necessary to prevent contact.

Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	**:** Liquid
Odor	**:** Mild
Odor Threshold	**:** No data available.
Appearance	**:** Viscous thixotropic paste
Color	**:** Beige, off-white
pH	**:** No data available.
% Volatiles	**:** < 8.4% w/w
Flash Point and Method	**:** > 100°C (212°F) Closed Cup
Flammable Limits	**:** No data available.
Autoignition Temperature	**:** 436°C (benzyl alcohol)
Vapor Pressure	**:** No data available.
Vapor Density	**:** No data available.
Boiling Point	**:** No data available.
Freezing Point	**:** No data available.
Melting Point	**:** Not Applicable
Solubility in Water	**:** < 10 %
Evaporation Rate (n-butyl acetate = 1)	**:** No data available.
Density	**:** 1.32±0.01g/l at 20°C
Viscosity	**:** > 300000 cps at 20°C
VOC Content	**:** 111 g/l (0.92 lb/gal), less exempt solvents
Oxidizing Properties	**:** None

Comments:

VOC Compliance Statement – in areas where TBAc is an Exempt solvent

Part A VOC Content:	Less Exempts: 111 g/l (0.92 lb/gal) Total Material: 111 g/l (0.92 lb/gal)
Part A Density:	1.317 g/ml
Part A Total Volatiles:	8.4 % w/w
Part A Exempt Content:	0 % w/w; 0 % v/v
Mixed Kit VOC Content:	Less Exempts: 194 g/l (1.62 lb/gal) Total Material: 143 g/l (1.19 lb/gal)
VOC Regulation:	VOC Concentration Limits for Automotive Refinishing Products Regulations – Canada
Coating Category:	Truck Bed Liner Coating

The ready to apply kit VOC content meets the 310 g/l (2.59 lb/gal) limit for Truck Bed Liner Coatings. Canada compliant. Do not thin with solvents

VOC Regulation: SMAQMD Rule 459 – Automotive, Mobile Equipment and Associated Parts and Components Coating Operations– Sacramento Metropolitan AQMD, California
Coating Category: Truck Bed Liner Coating
The ready to apply kit VOC content meets the 200 g/l (1.67 lb/gal) limit for Truck Bed Liner Coatings in Sacramento Metropolitan AQMD, California. California compliant. Do not thin with solvents.

VOC Compliance Statement – in areas where TBAc is a Non-Exempt solvent

Part A VOC Content: Less Exempts: 111 g/l (0.92 lb/gal)
Total Material: 111 g/l (0.92 lb/gal)
Part A Exempt Content: 0 % w/w; 0 % v/v
Mixed Kit VOC Content: Less Exempts: 301 g/l (2.51 lb/gal)
Total Material: 263 g/l (2.19 lb/gal)

VOC Regulation: SCAQMD Rule 1151 - Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations– California
Coating Category: Truck Bed Liner Coating
The ready to apply kit VOC content meets the 310 g/l (2.59 lb/gal) limit for Truck Bed Liner Coatings. California compliant. Do not thin with solvents

10. STABILITY AND REACTIVITY

Reactive Hazard : No

Hazardous Polymerization: Not expected to occur.

Stability: Stable.

Conditions to Avoid: Keep away from flames and incompatible materials. Keep away from flames and any object that sparks.

Possibility of Hazardous Reactions: No data available.

Hazardous Decomposition Products: Carbon Monoxide and other toxic vapors.

Incompatible Materials: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	Oral LD_{50} mg/kg(rat)	Dermal LD_{50} mg/kg(rabbit)	Inhalation LC_{50} mg/l
Bisphenol A / epichlorohydrin epoxy resin	11,400 > 15,000	> 22,800	No data available.
Titanium dioxide	> 10,000	No data available.	No data available.
Benzyl alcohol	1230 to 3100	2000	200 to 300 (rat;4h - mist)
4-Nonylphenol (branched)	580	No data available.	No data available.

Acute Toxicity - Dermal LD_{50}: Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Acute Toxicity - Oral LD_{50}: Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Acute Toxicity - Inhalation LC_{50}: The mixture is not classified due to lack of data. At room temperature, exposure to vapor is minimal due to low volatility. An estimate based on component information. Not classified.

Notes: < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity.
No additional toxicology information is available for this product itself. (See Component Toxicity Information).

Skin Irritation / Corrosion: Contains: Epoxy resin and 4-Nonylphenol (branched). Causes skin irritation. The mixture is classified as: Skin Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as skin irritant, category 2). Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash.

Eye Irritation / Serious Eye Damage: Contains: Epoxy resin and 4-Nonylphenol (branched). Contact causes serious eye irritation. The mixture is classified as: Eye Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as eye irritant, category 2). Symptoms may include pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Respiratory / Skin Sensitizer: Contains: Epoxy resin. May cause sensitization by skin contact. The mixture is classified as: Skin Sensitizer, category 1 based on ingredient data (≥ 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A or ≥ 1.0% ingredients classified as a skin sensitizer, sub-category 1B). Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with very small amount of the liquid material.
Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B).

Germ Cell Mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Carcinogenicity

Chemical Name	NTP status	IARC status	OSHA status	Other
Bisphenol A / epichlorohydrin epoxy resin	--	--	--	--
Titanium dioxide	--	2B	--	A4 (ACGIH)
Benzyl alcohol	--	--	--	--
4-Nonylphenol (branched)	--	--	--	--

Notes: Contains: Titanium dioxide. Titanium dioxide is listed as Group 2B (possibly carcinogenic to humans). The mixture is classified as: Carcinogenicity, category 2 based on ingredient data using the applicable cut-off/concentration limits (≥ 0.1% ingredients classified as a Carcinogen, category 2).

Reproductive Toxicity: Contains: 4-Nonylphenol (branched). The mixture is classified as: Reproductive Toxicity, category 2 based on ingredient data using the applicable cut-off/concentration limits (≥ 0.1% ingredients classified as Reproductive Toxicity, category 2). Possible birth defect hazard based on animal data.

Specific Target Organ Toxicity - Single Exposure: Based on available data, the classification criteria for Specific Target Organ Toxicity - Single Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 1 or 2 and < 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3).

Specific Target Organ Toxicity - Repeated Exposure: Based on available data, the classification criteria for Specific Target Organ Toxicity - Repeated Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 1 or 2). Prolonged skin contact may cause reddening, swelling, rash, scaling, blistering, and in some cases, skin sensitization.

Aspiration Hazard: Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5

mm^2/s at 40 °C).

12. ECOLOGICAL INFORMATION

Environmental Data: No data available.

Ecotoxicological Information: No data available.

Bioaccumulation/Accumulation: No data available.

Distribution: No data available.

Aquatic Toxicity (Acute): No data available.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product Disposal: Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

14. TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical Name : Epoxy Resin

Primary Hazard Class/Division: 9

UN/NA Number : 3082

Packing Group : III

Marine Pollutant : Yes

Other Shipping Information:
These Regulations do not apply to the handling, offering for transport or transporting of less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle.

Air (ICAO/IATA)

Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical Name : Epoxy Resin

UN/NA Number : 3082

Primary Hazard Class/Division: 9

Packing Group : III

Vessel (IMO/IMDG)

Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical Name : Epoxy Resin

UN/NA Number : 3082

Primary Hazard Class/Division: 9

Packing Group : III

Marine Pollutant : Yes

Label : None

Note: With an inner packaging < 5.0 L, this product may be shipped as a Limited Quantity.

Canadian Transportation of Dangerous Goods Regulations

Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical Name : Epoxy Resin

UN/NA Number : 3082

Primary Hazard Class/Division: 9

Packing Group : III

Label : None

TDG Note:
These Regulations do not apply to the handling, offering for transport or transporting of less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle.

15. REGULATORY INFORMATION

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health Hazards: Eye Irritation, Reproductive Toxicity, Skin Irritation, Skin Sensitization

311/312 Physical Hazards: None

Fire Hazard : No
Sudden Release of Pressure : No
Reactive Hazard : No
Product Acute Toxicity : Yes
Product Chronic Toxicity : Yes

EPCRA Section 313 Toxic Chemicals

Chemical Name	Wt.%	CAS number
4-Nonylphenol (branched)	0.7 - 1.2	84852-15-3

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status:
This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

TSCA (The Toxic Substances Control Act)

TSCA Status:
All components are included or are otherwise exempt from inclusion on this inventory.

CAA 112(b) - Hazardous Air Pollutants

CAA 112(r) - List of Substances for Accidental Release Prevention:

This product contains no chemicals subject to CAA 112(b) or CAA 112(r).

California Proposition 65

Chemical Name	Wt.%	Listed
Titanium dioxide	12 - 14	Cancer

OSHA Hazard Communication Standard (29 CFR 1910.1200):
OSHA Status: Hazardous Product (See Section 2 for details).
This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

CANADA

WHMIS Hazard Symbol and Classification

See Section 2 for details.

WHMIS Regulatory Status:
This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

WHMIS Classification:
WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

CEPA - National Pollutant Release Inventory (NPRI):
This product contains no chemicals subject to CEPA - NPRI.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):
All components are included or are otherwise exempt from inclusion on this inventory.

Comments VOC Content -- See section 9.

16. OTHER INFORMATION

Reason for Issue: NEW

Approved By: Jim Gordon **Title:** R&D Chemist / Chemiste de R&D

Prepared By : Regulatory Compliance / Conformité réglementaire **Date Revised:** 06/28/2017

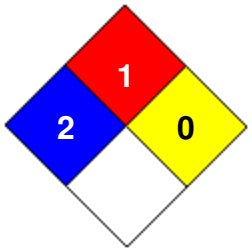
Information Contact: 905-670-5411

Revision Summary: This MSDS replaces the 11/30/2015 MSDS. Revised: **Section 2:** Hazards Not Otherwise Classified, Hazards Not Otherwise Classified. **Section 11:** , Skin Irritation / Corrosion. **Section 14:** Air (ICAO/IATA) - Primary Hazard Class/Division Primary Hazard Class/Division, Vessel (IMO/IMDG) - Primary Hazard Class/Division. **Section 15:** 311/312 Physical Hazards, 311/312 Health Hazards.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



NFPA 30 / 30B Storage Classification: Combustible Liquid IIIB

Manufacturer Supplemental Notes: None

Data Sources: Not Available

Additional SDS Information:

N/AV Not Available
N/AP Not Applicable
ND Not yet determined
ACGIH American Conference of Governmental Industrial Hygienists
CAA The Clean Air Act
CCCR The Consumer Chemicals and Containers Regulations
CEPA The Canadian Environmental Protection Act
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
EPCRA The Emergency Planning and Community Right-To-Know Act
IARC International Agency for Research on Cancer
MSHA Mine Safety and Health Administration
NIOSH National Institute for Occupational Safety and Health
NTP National Toxicology Program
OSHA The Occupational Safety and Health Administration
SARA The Superfund Amendments and Reauthorization Act
WHMIS Workplace Hazardous Materials Information System

General Statements: No data available.

Comments: None

Manufacturer Disclaimer: The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of this material.

SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015

Date Prepared : 11/30/2015
SDS No : BGG2W_Part B Gator Guard II Bedliner White_ENG
Date Revised : 06/23/2017
Revision No : 1

BGG2W Part B GATOR GUARD II Multi-Purpose Epoxy Bedliner and Industrial Coating

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: BGG2W Part B GATOR GUARD II Multi-Purpose Epoxy Bedliner and Industrial Coating
Product Description: Part B Curing Agent for Epoxy Bedliner Coating, 850 ml / 28.7 fl oz US
General Use: Curing Agent for Epoxy Bedliner Coating, Automotive Use Only
Product Stock/Code: BGG2W / 100098 White / Blanc (Kit: 1.7 L / 1.8 qt US)
Chemical Family: Polyamines, Solvent-based / Polyamines à base de solvant
Molecular Formula: Mixture / Mélange

Manufacturer / Supplier
Dominion Sure Seal Ltd.
6175 Danville Road, Mississauga
Ontario, Canada L5T 2H7
Fax: 905-670-5174
www.dominionsureseal.com
Customer Service: 905-670-5411

Emergency Telephone Numbers (24 hour)
CANUTEC : (613) 996-6666
CHEMTREC : (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

Health hazards:

Acute Toxicity (Oral), Category 4
Acute Toxicity (Dermal), Category 4
Acute Toxicity (Inhalation), Category 4
Skin Corrosion, Category 1
Eye Corrosion, Category 1
Target Organ Toxicity (Single exposure), Category 3 (Respiratory Tract Irritation and Narcotic Effects)
Target Organ Toxicity (Repeated exposure), Category 2
Skin Sensitization, Category 1
Reproductive Toxicity, Category 2
Aspiration Hazard, Category 1

Physical hazards:

Flammable Liquids, Category 2

Label elements

Hazardous components for labelling:
p-Chlorobenzotrifluoride, tert-Butyl acetate, Toluene, 4-Nonylphenol (branched), 2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine) and Tetraethylenepentamine


Flame


Corrosion


Exclamation mark


Health hazard

Signal Word: DANGER

Hazard statement(s)

H225: Highly flammable liquid and vapour.
H302 + H312 + H332: Harmful if swallowed, in contact with skin or if inhaled.
H314: Causes severe skin burns and eye damage.
H336: May cause drowsiness or dizziness.
H335: May cause respiratory irritation.
H373: May cause damage to central nervous system through prolonged or repeated exposure.
H317: May cause an allergic skin reaction.
H361: Suspected of damaging fertility or the unborn child.
H304: May be fatal if swallowed and enters airways.

Precautionary statement(s)

Prevention:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical, ventilating and lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe mist, vapours or spray.
P262: Do not get in eyes, on skin, or on clothing.
P271: Use only outdoors or in a well-ventilated area.
P285: In case of inadequate ventilation wear respiratory protection.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P270: Do not eat, drink or smoke when using this product.
P272: Contaminated work clothing should not be allowed out of the workplace.

Response:

P308+P313: IF exposed or concerned: Get medical advice/ attention.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363: Wash contaminated clothing before reuse.
P310: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P370+P378: In case of fire: Use dry chemical or foam to extinguish.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
P233: Keep container tightly closed.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

Hazards Not Otherwise Classified: No data available.

Emergency Overview

Immediate concerns: Flammable liquid and vapor. May be harmful if swallowed, in contact with skin or if inhaled. Causes severe skin and eye burns. Vapours may cause drowsiness and dizziness. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches). May cause respiratory irritation. May cause sensitization by skin contact. Possible risk of harm to the unborn child. Aspiration hazard.

Comments: 20 % of the mixture consists of an ingredient or ingredients of unknown acute toxicity.
See sections 9 and 10 for more detailed information on physicochemical effects.
See section 11 for more detailed information on health effects.
See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS number
p-Chlorobenzotrifluoride	32 - 36	98-56-6
tert-Butyl acetate	2.2 - 26	540-88-5
Toluene	15 - 20	108-88-3
4-Nonylphenol (branched)	10 - 15	84852-15-3
2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine)	5 - 8	6864-37-5
Tetraethylenepentamine	5 - 8	112-57-2

Comments: There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. GET MEDICAL ATTENTION. Contaminated clothing should be discarded in a manner which limits further exposure.

Ingestion: Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Signs and Symptoms of Overexposure

Eye Contact: Corrosive. Will cause eye burns and permanent tissue damage.

Skin Contact: Corrosive, causes skin burning. Allergic skin reactions are possible.

Ingestion: Can burn mouth, throat and stomach. May be fatal is swallowed. May cause aspiration and lung damage.

Inhalation: Causes respiratory tract irritation. Fumes and spray mist may be harmful. May cause central nervous system depression.

Notes to Physician: Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Additional Information: No data available.

5. FIRE FIGHTING MEASURES

Flammable Properties: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point. Product can be ignited by static discharge.

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Hazardous Combustion Products: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire Fighting Procedures: Containers can build up pressure if exposed to heat (fire).

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Sensitivity to Static Discharge: Product is sensitive to static discharge.

Sensitivity to Mechanical Impact: Product is not sensitive to mechanical impact.

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Eliminate all ignition sources. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly.

Environmental Precautions

Water Spill: Do not flush to sewer.

Land Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Special Protective Equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

7. HANDLING AND STORAGE

General Procedures: Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Ensure thorough ventilation of stores and work areas.

Handling: Do not use in the presence of open flame or spark. Use only in a well ventilated area. Wear recommended personal protective equipment. Keep container closed when not in use. Avoid breathing vapours or mist. Avoid contact with eyes, skin, and clothing. After handling, always wash hands thoroughly with soap and water.

Storage: Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Protect from physical damage. Keep container tightly closed and in a well-ventilated place. Store in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
	Occupational Exposure Limits			
Chemical Name	**Type**		**ppm**	**mg/m³**
p-Chlorobenzotrifluoride	**USA OEL**	**-**	-- [1]	-- [1]
tert-Butyl acetate	**OSHA PEL**	**TWA**	200	950
	ACGIH TLV	**TWA**	200	950
	NIOSH REL	**TWA**	200	950
Toluene	**OSHA PEL**	**TWA**	200	--
		STEL	300	--
	ACGIH TLV	**TWA**	20	75
	NIOSH REL	**TWA**	100	375
		STEL	150	560
4-Nonylphenol (branched)	**USA OEL**	**-**	-- [1]	-- [1]
2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine)	**USA OEL**	**-**	[1]	[1]
	Denmark	**TWA**	1	
Tetraethylenepentamine	**USA OEL**	**-**	[1]	[1]
	US WEEL	**TWA**	1	5
Footnotes: **1**. This material does not have established exposure limits in the USA under OSHA, NIOSH, ACGIH.				

Engineering Controls: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Avoid breathing mists; if general ventilation or local exhaust is inadequate, persons exposed to mists should wear approved breathing devices. Use explosion-proof ventilation equipment.

Personal Protective Equipment

Eyes and Face: Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

Skin Contact: Wear chemical resistant gloves.

Respiratory: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Protective Clothing: Wear protective clothing as necessary to prevent contact.

Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State **:** Liquid

Odor **:** Aromatic

Odor Threshold : No data available.

Appearance : Mobile liquid

Color : Water-white to light straw

pH : Not Applicable

% Volatiles : 70 to 75 % w/w

Flash Point and Method : 4 to 5°C Setaflash Closed Cup

Flammable Limits : 1.0 to 7.0

Notes: Based on data for toluene.

Autoignition Temperature : 480°C

Notes: Based on data for toluene.

Vapor Pressure : 3.8 kPa (21 mm Hg) [Toluene] at 20°C

Vapor Density : > 1 (air = 1)

Boiling Point : 98 °C (tert-Butyl acetate)

Freezing Point : No data available.

Melting Point : No data available.

Solubility in Water : Partial

Evaporation Rate (n-butyl acetate = 1) : > 1

Density : 1.01±0.02g/ml at 20°C

Viscosity : 13 to 17 cps at 25°C (77°F)

VOC Content : 373 g/l (3.11 lb/gal), less exempt solvents

Oxidizing Properties : None

Comments:

VOC Compliance Statement – in areas where TBAc is an Exempt solvent

Part B VOC Content:	Less Exempts: 373 g/l (3.11 lb/gal) Total Material: 175 g/l (1.46 lb/gal)
Part B Density:	1.01 g/ml
Part B Total Volatiles:	74.6 % w/w
Part B Exempt Content:	57.4 % w/w; 53.2 % v/v (PCBTF; TBAc)
Mixed Kit VOC Content:	Less Exempts: 197 g/l (1.64 lb/gal) Total Material: 144 g/l (1.20 lb/gal)
VOC Regulation:	VOC Concentration Limits for Automotive Refinishing Products Regulations – Canada
Coating Category:	Truck Bed Liner Coating

The ready to apply kit VOC content meets the 310 g/l (2.59 lb/gal) limit for Truck Bed Liner Coatings. Canada compliant. Do not thin with solvents

VOC Regulation: SMAQMD Rule 459 – Automotive, Mobile Equipment and Associated Parts and Components Coating Operations– Sacramento Metropolitan AQMD, California
Coating Category: Truck Bed Liner Coating
The ready to apply kit VOC content meets the 200 g/l (1.67 lb/gal) limit for Truck Bed Liner Coatings in Sacramento Metropolitan AQMD, California. California compliant. Do not thin with solvents.

VOC Compliance Statement – in areas where TBAc is a Non-Exempt solvent

Part B VOC Content: Less Exempts: 556 g/l (4.64 lb/gal)
Total Material: 415 g/l (3.46 lb/gal)
Part B Exempt Content: 33.7 % w/w; 25.4 % v/v (PCBTF)
Mixed Kit VOC Content: Less Exempts: 303 g/l (2.53 lb/gal)
Total Material: 264 g/l (2.21 lb/gal)

VOC Regulation: SCAQMD Rule 1151 - Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations– California
Coating Category: Truck Bed Liner Coating
The ready to apply kit VOC content meets the 310 g/l (2.59 lb/gal) limit for Truck Bed Liner Coatings. California compliant. Do not thin with solvents

10. STABILITY AND REACTIVITY

Reactive Hazard : No

Hazardous Polymerization: Not expected to occur.

Stability: Stable.

Conditions to Avoid: Keep away from flames and incompatible materials.

Possibility of Hazardous Reactions: No data available.

Hazardous Decomposition Products: By fire and high heat: Carbon monoxide, Carbon dioxide, Oxides of nitrogen and other undetermined compounds.

Incompatible Materials: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	Oral LD_{50} mg/kg(rat)	Dermal LD_{50} mg/kg(rabbit)	Inhalation LC_{50} mg/l
p-Chlorobenzotrifluoride	> 6700 13,000 11,500	> 2000	33.0(rat;4h) 22.0(rat;4h) 20.0(mouse)
tert-Butyl acetate	3420, 4500	> 2000 > 20,700	13.3(rat;4h) 20.0(rat;6h)
Toluene	7000 6400 5500	12,270	49.0(rat;4h) 30.0(mouse;2h) 19.9(mouse;7h)
4-Nonylphenol (branched)	580	No data available.	No data available.
2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine)	320 to 460	200 to 400	0.42(rat;4h - mist)
Tetraethylenepentamine	2100 3250 3990	600 1260	> 9.9 ppm (rat,4h)

Acute Toxicity - Dermal LD_{50}: Based on available ingredient data, the mixture is classified as: Acute Dermal Toxicity, Category 4. The calculated ATE is > 1000 and ≤ 2000 mg/kg. May be harmful in contact with skin. May be absorbed through the skin in harmful amounts.

Acute Toxicity - Oral LD_{50}: Based on available ingredient data, the mixture is classified as: Acute Oral Toxicity, category 4. The calculated ATE is > 300 and ≤ 2000 mg/kg. Substance may be harmful if swallowed.

Acute Toxicity - Inhalation LC_{50}: Based on available ingredient data, the mixture is classified as: Acute Inhalation Toxicity, category 4. The calculated ATE is >20 mg/l/4h (vapours). The calculated ATE is > 1 and ≤ 5 mg/l/4h (mists). High spray mist concentrations may be harmful if inhaled.

Notes: 20% of the mixture consists of an ingredient or ingredients of unknown acute toxicity.
No additional toxicology information is available for this product itself.
(See Component Toxicity Information).

Skin Irritation / Corrosion: Contains: 4-Nonylphenol (branched), 2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine) and Tetraethylenepentamine. The mixture is classified as: Skin Corrosive, category 1, based on summation of ingredient data (>5% ingredients classified as skin corrosive, category 1). Corrosive, causes permanent skin damage (scarring).

Eye Irritation / Serious Eye Damage: Contains: 4-Nonylphenol (branched), 2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine) and Tetraethylenepentamine. The mixture is classified as: Eye Damage, category 1, based on summation of ingredient data (> 3% ingredients classified as skin and/or eye category 1). Corrosive. Will cause eye burns and permanent tissue damage.

Respiratory / Skin Sensitizer: Contains: Tetraethylenepentamine. May cause sensitization by skin contact. The mixture is classified as: Skin Sensitizer, category 1 based on ingredient data (≥ 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A or ≥ 1.0% ingredients classified as a skin sensitizer, sub-category 1B). Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with very small amount of the liquid material.
Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B).

Germ Cell Mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Carcinogenicity

Chemical Name	NTP status	IARC status	OSHA status	Other
p-Chlorobenzotrifluoride	--	--	--	--
tert-Butyl acetate	--	--	--	--
Toluene	--	3	--	A4 (ACGIH)
4-Nonylphenol (branched)	--	--	--	--
2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine)	--	--	--	--
Tetraethylenepentamine	--	--	--	--

Notes: Based on available data, the classification criteria for Carcinogenicity are not met for this mixture (< 0.1% ingredients classified as a Carcinogen, category 1 or 2).

Reproductive Toxicity: Contains: Toluene and 4-Nonylphenol (branched). The mixture is classified as: Reproductive Toxicity, category 2 based on ingredient data using the applicable cut-off/concentration limits (≥ 0.1% ingredients classified as Reproductive Toxicity, category 2). May cause adverse reproductive effects. Possible risk of harm to the unborn child (Toluene).

Specific Target Organ Toxicity - Single Exposure: The mixture is classified as: Specific Target Organ Toxicity - Single Exposure, category 3, based on summation of ingredient data using the applicable cut-off/concentration limits (≥ 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3).
Contains: Toluene. Can cause central nervous system depression (including unconsciousness). High vapor concentrations may cause drowsiness. May cause headaches and dizziness.
Contains: p-Chlorobenzotrifluoride. Prolonged or excessive inhalation may cause respiratory tract irritation.

Specific Target Organ Toxicity - Repeated Exposure: Contains: Toluene. The mixture is classified as: Specific Target Organ Toxicity - Repeated Exposure, category 2, based on ingredient data using the applicable cut-off/concentration limits (≥ 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 2). Prolonged inhalation may be harmful. Chronic exposure to organic solvents such as Toluene have been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include: loss of memory, loss of intellectual ability, and loss of coordination. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Aspiration Hazard: The mixture is classified as: Aspiration Hazard, category 1 based on ingredient data and viscosity data (≥ 10% ingredients classified as an Aspiration Hazard, category 1 and mixture viscosity ≤ 20.5 mm^2/s at 40 °C). If swallowed, may be aspirated and cause lung damage.

12. ECOLOGICAL INFORMATION

Environmental Data: No data available.

Ecotoxicological Information: No data available.

Bioaccumulation/Accumulation: No data available.

Distribution: No data available.

Aquatic Toxicity (Acute): No data available.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product Disposal: Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

14. TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name : FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Technical Name : Toluene, tert-Butyl acetate, 4-Nonylphenol (branched), 2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine) and Tetraethylenepentamine

Primary Hazard Class/Division: 3

Secondary Hazard Class/Division: 8

UN/NA Number : 2924

Packing Group : II

Other Shipping Information:
For products with an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

Vessel (IMO/IMDG)

Shipping Name : FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Technical Name : Toluene, tert-Butyl acetate, 4-Nonylphenol (branched), 2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine) and Tetraethylenepentamine

UN/NA Number : 2924

Primary Hazard Class/Division: 3

Secondary Hazard Class/Division: 8

Packing Group : II

Marine Pollutant : Yes

Note: For products with an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

Canadian Transportation of Dangerous Goods Regulations

Shipping Name : FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Technical Name : Toluene, tert-Butyl acetate, 4-Nonylphenol (branched), 2,2'-Dimethyl-4,4'-methylenebis (cyclohexylamine) and Tetraethylenepentamine

UN/NA Number : 2924

Primary Hazard Class/Division: 3

Secondary Hazard Class/Division: 8

Packing Group : II

TDG Note:
For products with an inner packaging < 1.0 L, this component may be shipped as a Limited Quantity as per TDG Section 1.17.

15. REGULATORY INFORMATION

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health Hazards: Acute Toxicity (Dermal), Acute Toxicity (Inhalation), Acute Toxicity (Oral), Aspiration Hazard, Narcotic Effects, Reproductive Toxicity, Respiratory Tract Irritation, Serious Eye Damage, Skin Corrosion, Skin Sensitization, Target Organ Toxicity (Repeated exposure)

311/312 Physical Hazards: Flammable Liquids

Fire Hazard : Yes
Sudden Release of Pressure : No
Reactive Hazard : No
Product Acute Toxicity : Yes
Product Chronic Toxicity : Yes

EPCRA Section 313 Toxic Chemicals

Chemical Name	Wt.%	CAS number
Toluene	15 - 20	108-88-3
4-Nonylphenol (branched)	10 - 15	84852-15-3

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status:
This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical Name	Wt.%	RQ
tert-Butyl acetate	2.2 - 26	5,000
Toluene	15 - 20	1,000

TSCA (The Toxic Substances Control Act)

TSCA Status:
All components are included or are otherwise exempt from inclusion on this inventory.

CAA 112(b) - Hazardous Air Pollutants

Chemical Name	Wt.%	CAS number
Toluene	15 - 20	108-88-3

CAA 112(r) - List of Substances for Accidental Release Prevention:

This product contains no chemicals subject to CAA 112(r).

California Proposition 65

Chemical Name	Wt.%	Listed
Toluene	15 - 20	• Developmental Toxicity • Female Reproductive

OSHA Hazard Communication Standard (29 CFR 1910.1200):
OSHA Status: Hazardous Product (See Section 2 for details).
This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

CANADA

WHMIS Hazard Symbol and Classification

See Section 2 for details.

WHMIS Regulatory Status:

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

WHMIS Classification:
WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

CEPA - National Pollutant Release Inventory (NPRI):

Name	CAS No.	NPRI Part No.
Toluene	108-88-3	1A, 5 (VOC)

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):
All components are included or are otherwise exempt from inclusion on this inventory.

Comments VOC Content -- See section 9.

16. OTHER INFORMATION

Reason for Issue: NEW

Approved By: Jim Gordon **Title:** R&D Chemist / Chemiste de R&D

Prepared By : Regulatory Compliance / Conformité réglementaire **Date Revised:** 06/23/2017

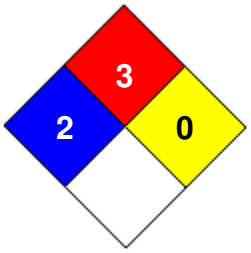
Information Contact: 905-670-5411

Revision Summary: This MSDS replaces the 11/30/2015 MSDS. Revised: **Section 2:** Hazards Not Otherwise Classified, Hazards Not Otherwise Classified. **Section 9:** Flash Point and Method . **Section 11:** Aspiration Hazard, , Skin Irritation / Corrosion. **Section 15:** 311/312 Physical Hazards, 311/312 Health Hazards.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		G

NFPA CODES



NFPA 30 / 30B Storage Classification: Flammable Liquid IB

Manufacturer Supplemental Notes: None

Data Sources: Not Available

Additional SDS Information:
N/AV Not Available
N/AP Not Applicable
ND Not yet determined
ACGIH American Conference of Governmental Industrial Hygienists
CAA The Clean Air Act
CCCR The Consumer Chemicals and Containers Regulations
CEPA The Canadian Environmental Protection Act
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
EPCRA The Emergency Planning and Community Right-To-Know Act
IARC International Agency for Research on Cancer
MSHA Mine Safety and Health Administration
NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program
OSHA The Occupational Safety and Health Administration
SARA The Superfund Amendments and Reauthorization Act
WHMIS Workplace Hazardous Materials Information System

General Statements: None

Comments: None

Manufacturer Disclaimer: The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of this material.