

SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015



Date Issued : 10/10/2018

SDS No : Rust Check Black Rubberized Undercoat - 11011 550g_ENG

11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol
Product Description: Rubberized Undercoating, Black 550 g / 19.4 oz. Not for sale in the U.S.A.
General Use: Asphalt Undercoating, designed exclusively for automotive uses
Product Stock/Code: 11011
Chemical Family: Asphalt Coating
Molecular Formula: Mixture

Manufacturer / Supplier

Rust Check Corporation
6175 Danville Road, Mississauga
Ontario, Canada L5T 2H7
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
Target Organ Toxicity (Single exposure), Category 3 (Narcotic Effects)
Target Organ Toxicity (Repeated exposure), Category 2
Reproductive Toxicity, Category 2
Carcinogenicity, Category 2

Physical hazards:

Flammable Aerosols, Category 1
Gases Under Pressure
Simple Asphyxiants, Category 1

Label elements

Hazardous components for labelling:

Mineral spirits, Asphalt / Bitumen, Solvent naphtha light aliphatic, Toluene, Solvent naphtha (petroleum), medium aliphatic and Carbon Black



Flame



Gas
cylinder



Exclamation
mark



Health
hazard

Signal Word: DANGER

Hazard statement(s)

H222: Extremely flammable aerosol.

H280: Contains gas under pressure; may explode if heated.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H373: May cause damage to central nervous system, kidneys and liver through prolonged or repeated exposure.

H361: Suspected of damaging the unborn child.

H351: Suspected of causing cancer.

H600: May displace oxygen and cause rapid suffocation.

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.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P264: Wash hands thoroughly after handling.

P260: Do not breathe mist, vapours or spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves and eye protection.

Response:

P308+P313: IF exposed or concerned: Get medical advice/ attention.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

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.

Storage:

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P403+P233: Store in a well-ventilated place. 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: Extremely flammable aerosol. Harmful if inhaled. Possible risk of harm to the unborn child. Suspected of causing cancer. Irritating to skin. Vapours may cause drowsiness and dizziness. Vapor reduces oxygen availability for breathing.

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
Mineral spirits	22 - 25	8052-41-3
Asphalt / Bitumen	13 - 17	8052-42-4
Solvent naphtha light aliphatic	9 - 12	64742-89-8
Isobutane	8 - 9	75-28-5
Propane	8 - 9	74-98-6
Toluene	8 - 9	108-88-3
Solvent naphtha (petroleum), medium aliphatic	5 - 6	64742-88-7
Carbon Black	0.1 - 0.5	1333-86-4

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, 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: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: If affected by inhalation of spray mist, move to fresh air. Get medical attention if symptoms persist.

Signs and Symptoms of Overexposure

Eye Contact: Mildly irritating to the eyes. Symptoms may include tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin Contact: Contact causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

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

Inhalation: High gas, vapor, mist or dust concentrations may be harmful if inhaled. May cause headaches and dizziness. High vapor concentrations may cause drowsiness. High vapor concentrations can displace oxygen in enclosed spaces and cause asphyxiation.

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: Extremely flammable aerosol. Can readily form explosive mixtures 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).

11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol

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 sensitive to mechanical impact. Do not puncture container. Contents under pressure. Do not expose to heat or store above 120 °F (49 °C).

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.

Handling: Contents under pressure. Do not expose to heat or store above 120 °F (49 °C). Use only in a well ventilated area. Do not use in the presence of open flame or spark. Do not puncture container. Do not breath vapors or spray mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Storage: Keep away from heat and flame. Store in a cool dry place. Container may explode if heated. Do not incinerate.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
		Occupational Exposure Limits		
Chemical Name	Type		ppm	mg/m ³
Mineral spirits	OSHA PEL	TWA	500	2900
	ACGIH TLV	TWA	100	572
Asphalt / Bitumen	ACGIH TLV	TWA	--	0.5
	NIOSH REL	STEL	-- [1]	5 [1]
Solvent naphtha light aliphatic	NIOSH REL	TWA	--	350
		STEL	--	1800
Isobutane	ACGIH TLV	TWA	1000	--
	NIOSH REL	TWA	800	1900
Propane	OSHA PEL	TWA	1000	1800
	ACGIH TLV	TWA	1000	--
	NIOSH REL	TWA	1000	1800
Toluene	OSHA PEL	TWA	200	--
		STEL	300	--
	ACGIH TLV	TWA	20	75
	NIOSH REL	TWA	100	375
		STEL	150	560
Solvent naphtha (petroleum), medium aliphatic	OSHA PEL	TWA	500	2900
	ACGIH TLV	TWA	100	525
	NIOSH REL	TWA	--	350
		STEL	--	1800
Carbon Black	OSHA PEL	TWA	--	3.5
	ACGIH TLV	TWA	-- [2]	3.5 [2]
	NIOSH REL	TWA	--	3.5
Footnotes: 1. Ceiling limit value (15 min). 2. Inhalable particulate matter.				

Engineering Controls: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Personal Protective Equipment

Eyes and Face: Wear safety glasses with side shields (or goggles).

Skin Contact: Wear chemical resistant gloves.

Respiratory: 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.

Protective Clothing: Not applicable for aerosol containers.

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, without aerosol propellants
Odor	: Asphalt
Odor Threshold	: No data available.
Appearance	: Aerosol
Color	: Black
pH	: Not Applicable
% Volatiles	: 65 to 66% w/w
Flash Point and Method	: 4 °C Setaflash Closed Cup (Toluene) [lowest known value of aerosol concentrate]
Flammable Limits	: 1.2 to 7.1

Notes: Based on data for toluene.

Autoignition Temperature : 480°C

Notes: Based on data for toluene [lowest known value of aerosol concentrate]

Vapor Pressure	: 44 - 48 psig at 20°C
Vapor Density	: > 1 (air = 1)
Boiling Point	: 110°C, Toluene [lowest known value of aerosol concentrate]
Freezing Point	: No data available.
Melting Point	: No data available.
Solubility in Water	: Practically insoluble
Evaporation Rate (n-butyl acetate = 1)	: > 1
Density	: 0.96±0.01g/ml at 20°C
Notes: An estimate for the aerosol concentrate density.	
Viscosity	: > 100 cps
VOC Content	: 65 - 66% w/w
Oxidizing Properties	: None

Comments:**Flammability Statement:**

The flammability of an aerosol is determined by its flame extension and/or flashback.

Flammability:	Yes
Aerosol Flame Projection:	> 15 cm but < 100 cm
Flashback:	No data available
Calculated Aerosol Chemical Heat of Combustion, kJ/g	29.0 to 31.0

VOC Compliance Statement

Total Volatiles:	65 - 66% w/w (< 560 g/l)
VOC Content:	65 - 66% w/w (< 560 g/l)

11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol

VOC Regulation: USA National VOC Emission Standards for Aerosol Coatings
– 40CFR PART 59 SUBPART E
Coating Category: Non-Flat Coating
VOC Content: Product-Weighted Reactivity (PWR): 1.29 to 1.31 g O₃/g product
The VOC content meets the 1.40 PWR category limit for Non-Flat Coatings.
USA compliant.

VOC Regulation: Consumer Product Regulations – various USA
[California – Regulation for Reducing Emissions from
Consumer Products – Title 17, California]
Product Category: Undercoating, Aerosol
The VOC content does not meet the 40% w/w VOC limit for Aerosol Undercoatings
in the USA. Not for sale in CA, UT, IL, MI, OH and OTC states.

10. STABILITY AND REACTIVITY

Reactive Hazard : No

Hazardous Polymerization: Not expected to occur.

Stability: Stable.

Conditions to Avoid: Keep away from flames and any object that sparks. Container may explode if heated.

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
Mineral spirits	> 5000	> 3000	8.5(rat;8h) >5.5(rat;4h)
Asphalt / Bitumen	> 5000	> 2000	> 0.0944 (rat;4½h)
Solvent naphtha light aliphatic	> 2000	> 3000	>23(rat;4h) >33;<42(rat;4h)
Isobutane	Not Applicable	Not Applicable	142.5 ppm (rat,4h)
Propane	Not Applicable	Not Applicable	>20,000 ppm (rat,4h)
Toluene	7000 6400 5500	12,270	49.0(rat;4h) 30.0(mouse;2h) 19.9(mouse;7h)
Solvent naphtha (petroleum), medium aliphatic	>5000 >25 ml/kg	> 3000	>5.5(rat;4h) >12.2(rat;4h) >710ppm(rat;4h) (no deaths)
Carbon Black	> 15,400	> 3000	Not Applicable

Acute Toxicity - Dermal LD₅₀: 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.

11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol

Acute Toxicity - Oral LD₅₀: 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 LC₅₀: Based on available ingredient data, the classification criteria for Acute Toxicity - inhalation are not met for this mixture. The calculated ATE is >20 mg/l/4h (vapours) and >5 mg/l/4h (mists).

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).

Primary Routes of Entry:

Eye contact. Inhalation. Skin contact. Ingestion.

Skin Irritation / Corrosion: Contains: Toluene, Mineral spirits and Solvent naphtha light aliphatic. 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). Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye Irritation / Serious Eye Damage: Based on available data, the classification criteria for eye irritation are not met for this mixture. Slightly irritating but does not injure eye tissue.

Respiratory / Skin Sensitizer: Based on available data, the classification criteria for skin/respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a skin/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
Mineral spirits	--	--	--	--
Asphalt / Bitumen	--	2B	--	A4 (ACGIH)
Solvent naphtha light aliphatic	--	--	--	--
Isobutane	--	--	--	--
Propane	--	--	--	--
Toluene	--	3	--	A4 (ACGIH)
Solvent naphtha (petroleum), medium aliphatic	--	--	--	--
Carbon Black	--	2B	--	A3 (ACGIH)

Notes: Contains: Asphalt / Bitumen and Carbon Black. Asphalt has been classified as being possibly carcinogenic to humans (Group 2B). Carbon black 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 ($\geq 0.1\%$ ingredients classified as a Carcinogen, category 2).

Reproductive Toxicity: The mixture is classified as: Reproductive Toxicity, category 2 based on ingredient data using the applicable cut-off/concentration limits ($\geq 0.1\%$ 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: Contains: Mineral spirits, Solvent naphtha light aliphatic, Toluene and Solvent naphtha (petroleum), medium aliphatic. 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 ($\geq 20\%$ summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3 [Narcotic Effects]). Can cause central nervous system depression (including unconsciousness). High vapor concentrations may cause drowsiness. May cause headaches and dizziness.

11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol

Specific Target Organ Toxicity - Repeated Exposure: Contains: Mineral spirits and 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 ($\geq 1.0\%$ 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 overexposure may cause central nervous system, kidney and liver damage.

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 $> 20.5 \text{ mm}^2/\text{s}$ 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: When container is empty, press button to release all pressure, then dispose of container and unused contents in accordance with Local, Provincial/State and Federal regulations.

14. TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name : Aerosols, Flammable

Primary Hazard Class/Division: 2.1

UN/NA Number : 1950

Packing Group : N/AP

Other Shipping Information:

With an inner packaging $< 1.0 \text{ L}$, this product may be shipped as a Limited Quantity as per DOT 173.306.

Air (ICAO/IATA)

Shipping Name : Aerosols, Flammable

UN/NA Number : 1950

Primary Hazard Class/Division: 2.1

Packing Group : N/AP

Subsidiary Risk : None

Label : Flammable Gas

Vessel (IMO/IMDG)

Shipping Name : Aerosols

UN/NA Number : 1950

11011 RUST CHECK BLACK RUBBERIZED UNDERCOAT, aerosol**Primary Hazard Class/Division:** 2.1**Packing Group** : N/AP**Marine Pollutant** : None**Label** : None**Note:** With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.**Canadian Transportation of Dangerous Goods Regulations****Shipping Name** : Aerosols, Flammable**UN/NA Number** : 1950**Primary Hazard Class/Division:** 2.1**Packing Group** : N/AP**TDG Note:**

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:** Carcinogenicity, Narcotic Effects, Reproductive Toxicity, Simple Asphyxiant, Skin Irritation, Target Organ Toxicity (Repeated exposure)**311/312 Physical Hazards:** Flammable Aerosols, Gases Under Pressure**EPCRA Section 313 Toxic Chemicals**

Chemical Name	Wt.%	CAS number
Toluene	8 - 9	108-88-3

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
Toluene	8 - 9	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	8 - 9	108-88-3

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

Name	CAS No.	Threshold Qty (TQ)
Propane	74-98-6	10,000
Butane	75-28-5	10,000

California Proposition 65:

 **WARNING:** This product can expose you to chemicals including the chemical(s) listed below, which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name	Wt. %	Listed
Asphalt / Bitumen	13 - 17	Cancer
Toluene	8 - 9	<ul style="list-style-type: none"> • Developmental Toxicity • Female Reproductive
Carbon Black	0.1 - 0.5	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):

Name	CAS No.	NPRI Part No.
Stoddard solvent	8052-41-3	5 (VOC)
Solvent naphtha, light aliphatic	64742-89-8	5 (VOC)
Solvent naphtha, medium aliphatic	64742-88-7	5 (VOC)
Toluene	108-88-3	1A, 5 (VOC)
Propane	74-98-6	5 (VOC)
Butane (all isomers)	75-28-5	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

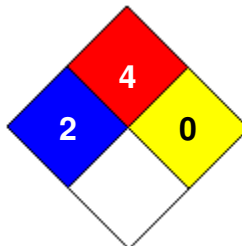
Prepared By : Regulatory Compliance

Date Prepared: 10/10/2018

Information Contact: 905-670-5411

HMIS RATING

HEALTH	*	2
FLAMMABILITY		4
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES

NFPA 30 / 30B Storage Classification: Level 3 Aerosol

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.