



Safety Data Sheet

Rust Preventive Coating - Gloss Black

1. Identification

Product identifier: Rust Preventive Coating - Gloss Black
Product code: 245032
Supplier Name: P.O.R. Products
38, Portman Road
New Rochelle, NY
10801
Telephone: 914 636-0700
Emergency telephone number: 914 636-0700
Available hours: 8h-17h
Recommended use: As an anti-rust paint and coating
Restriction on use: For industrial and automotive equipment

2. Hazards classification

Signal word: DANGER

Product classification:



Flammable liquids - Category 3.

Respiratory sensitization - Category 1. Carcinogenicity - Category 2. Specific target organ toxicity – repeated exposure - Category 2. Reproductive toxicity - Category 2.

Acute toxicity-inhalation - Category 4. Specific target organ toxicity – single exposure - Category 3 Respiratory tract irritation. Skin sensitization - Category 1. Skin irritation - Category 2. Serious eye irritation - Category 2A.

Hazard statement(s):

- H226 - Flammable liquid and vapour.
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H351 - Suspected of causing cancer.
- H373 - May cause damage to organs (lungs) through prolonged or repeated exposure.
- H361 - Suspected of damaging fertility or the unborn child.
- H332 - Harmful if inhaled.
- H335 - May cause respiratory irritation.
- H317 - May cause an allergic skin reaction.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.

Precautionary statement(s)

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. Keep container tightly closed. For large container, ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lightning equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe the mist, vapors and spray. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye and face protection. Wash hands thoroughly after handling and any other part of the body that may have been exposed to the product.

Response: In case of fire: Use an appropriate extinguisher. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or a doctor. Call a POISON CENTER or doctor if you feel unwell. IF exposed or concerned: Get medical advice. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin



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irritation or a rash occurs: Get medical advice. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. Take off contaminated clothing and wash it before reuse.

Storage: Store in a well ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national and/or international regulations in force.

Other hazards: No other effects shown.

See toxicological information, section 11

3. Composition/information on ingredients

No	CAS No	Common name and synonyms	Concentration % (w/w)
1	67815-87-6	Aromatic polyisocyanate MDI based	15.00 - 40.00
2	64742-48-9	Naphtha hydrotreated, heavy fraction	10.00 - 30.00
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	10.00 - 30.00
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	10.00 - 30.00
5	95-63-6	1,2,4-Trimethylbenzene	4.80
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	4.61
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	3.46
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	2.34
9	1333-86-4	Carbon black. (C.I. pigment black 7)	1.83
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	0.39
11	98-82-8	Cumene. 2-Propylbenzene	0.19

The actual concentration range is withheld as a trade secret.

4. First aid measures

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention as soon as possible.

Skin contact: Remove contaminated clothing immediately. Wash the skin with soap and water. Thoroughly wet contaminated clothing. If irritation persists, consult a doctor.

Inhalation: Move exposed person to fresh air. Keep this person warm and lying down. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Symptoms: This product is irritating to skin, eyes, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.).The worker may develop cutaneous and respiratory hypersensitivity. Repeated exposures lead to the chronic form whose symptoms are dyspnea to exercise, cough with sputum, fatigue and weight loss. Inhalation of high concentrations may cause headache, nausea, vomiting, dizziness, incoordination, confusion, stupor, drowsiness and death.

Effects (acute or delayed): May cause eye, skin and upper respiratory tract irritation. May cause bronchoconstriction and pulmonary edema. Following repeated or prolonged contact, it has a degreasing effect on the skin. This product is a respiratory and skin sensitizer. Can cause major depression of the central nervous system.

Immediate medical attention and special treatment: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



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5. Firefighting measures

Suitable extinguishing media: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media: Jets of water can facilitate the spread of fire.

Specific hazards arising from the hazardous product: Flammable. Vapors may form explosive mixtures with air. The vapors are heavier than air and may travel to an ignition source.

Hazardous combustion products: Carbon monoxide and dioxide. Nitrogen oxides. Hydrocyanic acid.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: This product contains isocyanates: exposure shall be reduced to a minimum, even when it remains within the standards. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Put on appropriate personal protective equipment (see Section 8).

Protective equipment and emergency procedures: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosionproof equipment. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Avoid contact with eyes, skin and clothing. Do not ingest. Do not breathe vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibility: Strong acids and bases. Ammonia. Alcohols. Amines. Strong oxidizing agents and oxidizers.



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8. Exposure controls/personal protection

Alberta

No	CAS No	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	67815-87-6	Aromatic polyisocyanate MDI based	N/A	N/A	N/A	N/A	N/A	N/A
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N/A	N/A	N/A	N/A	N/A	N/A
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N/A	N/A	N/A	N/A	N/A	N/A
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N/A	N/A	N/A	N/A	N/A	N/A
5	95-63-6	1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	0.005	0.05	N/A	N/A	N/A	N/A
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	N/A	N/A	N/A	N/A	N/A	N/A
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	0.005	0.07	N/A	N/A	N/A	N/A
9	1333-86-4	Carbon black. (C.I. pigment black 7)	N/A	3.5	N/A	N/A	N/A	N/A
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	100	434	150	651	N/A	N/A
11	98-82-8	Cumene. 2-Propylbenzene	50	246	N/A	N/A	N/A	N/A

British-Columbia

No	CAS No	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	67815-87-6	Aromatic polyisocyanate MDI based	N/A	N/A	N/A	N/A	N/A	N/A
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N/A	N/A	N/A	N/A	N/A	N/A
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N/A	N/A	N/A	N/A	N/A	N/A
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N/A	N/A	N/A	N/A	N/A	N/A
5	95-63-6	1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	0.005	N/A	N/A	N/A	0.01	N/A
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	N/A	N/A	N/A	N/A	N/A	N/A
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	N/A	N/A	N/A	N/A	N/A	N/A
9	1333-86-4	Carbon black. (C.I. pigment black 7)	N/A	3	N/A	N/A	N/A	N/A
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	100	N/A	150	N/A	N/A	N/A
11	98-82-8	Cumene. 2-Propylbenzene	25	N/A	75	N/A	N/A	N/A



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Ontario

No	CAS No	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	67815-87-6	Aromatic polyisocyanate MDI based	N/A	N/A	N/A	N/A	N/A	N/A
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N/A	N/A	N/A	N/A	N/A	N/A
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N/A	N/A	N/A	N/A	N/A	N/A
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N/A	N/A	N/A	N/A	N/A	N/A
5	95-63-6	1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	0.005	N/A	N/A	N/A	0.02	N/A
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	N/A	N/A	N/A	N/A	N/A	N/A
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	N/A	N/A	N/A	N/A	N/A	N/A
9	1333-86-4	Carbon black. (C.I. pigment black 7)	N/A	N/A	N/A	N/A	N/A	N/A
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	N/A	N/A	N/A	N/A	N/A	N/A
11	98-82-8	Cumene. 2-Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A

Quebec

No	CAS No	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	67815-87-6	Aromatic polyisocyanate MDI based	N/A	N/A	N/A	N/A	N/A	N/A
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N/A	N/A	N/A	N/A	N/A	N/A
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N/A	N/A	N/A	N/A	N/A	N/A
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N/A	N/A	N/A	N/A	N/A	N/A
5	95-63-6	1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	0.005	0.051	N/A	N/A	N/A	N/A
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	N/A	N/A	N/A	N/A	N/A	N/A
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	N/A	N/A	N/A	N/A	N/A	N/A
9	1333-86-4	Carbon black. (C.I. pigment black 7)	N/A	3.5	N/A	N/A	N/A	N/A
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	100	434	150	651	N/A	N/A
11	98-82-8	Cumene. 2-Propylbenzene	50	246	N/A	N/A	N/A	N/A



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Saskatchewan

No	CAS No	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	67815-87-6	Aromatic polyisocyanate MDI based	N/A	N/A	N/A	N/A	N/A	N/A
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N/A	N/A	N/A	N/A	N/A	N/A
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N/A	N/A	N/A	N/A	N/A	N/A
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N/A	N/A	N/A	N/A	N/A	N/A
5	95-63-6	1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	0.005	N/A	0.015	0.015	N/A	N/A
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	N/A	N/A	N/A	N/A	N/A	N/A
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	N/A	N/A	N/A	N/A	N/A	N/A
9	1333-86-4	Carbon black. (C.I. pigment black 7)	N/A	3.5	N/A	7	N/A	N/A
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	100	N/A	150	N/A	N/A	N/A
11	98-82-8	Cumene. 2-Propylbenzene	50	N/A	74	N/A	N/A	N/A

United States

No	CAS No	Common name and synonyms	IDLH NIOSH	Regulatory Limits			Recommended Limits	
				OSHA PEL		California / OSHA PEL	NIOSH REL	ACGIH® 2019 TLV®
				ppm	mg/m ³	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
1	67815-87-6	Aromatic polyisocyanate MDI based	N/A	N/A	N/A	N/A	N/A	N/A
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N/A	N/A	N/A	N/A	N/A	N/A
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N/A	N/A	N/A	N/A	N/A	N/A
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N/A	N/A	N/A	N/A	N/A	N/A
5	95-63-6	1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	75	(C) 0.02	(C) 0.2	0.005 ppm	0.05 mg/m ³ (C) 0.2 mg/m ³ [10-min]	0.005 ppm
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	N/A	N/A	N/A	N/A	N/A	N/A
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	N.R.	N/A	N/A	N/A	N/A	N/A
9	1333-86-4	Carbon black. (C.I. pigment black 7)	1750	N/A	3.5	3.5 mg/m ³	3.5 mg/m ³ (without PAHs); when PAHs are present, NIOSH considers carbon black to be a	3 mg/m ³ (IHL)



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							potential occupational carcinogen.	
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	900	100	435	100 ppm (ST) 150 ppm (C) 300 ppm	100 ppm (ST) 150 ppm	100 ppm (ST) 150 ppm
11	98-82-8	Cumene. 2-Propylbenzene	4424	50	245	50 ppm	50 ppm	50 ppm

Appropriate engineering controls: Use only with adequate ventilation.

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes: DO NOT WEAR CONTACT LENSES Wear anti-splash safety goggles.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.

9. Physical and chemical properties

Physical state: Liquid

Colour: Gloss black

Odour: Solvent

Odour threshold: Not available

pH: Not applicable

Melting/Freezing point: < 0 °C (°F)

Initial boiling point/boiling range: > 100 °C (> 212 °F)

Flash point: 48,9 °C (120.02 °F) Closed cup

Lower flammable/explosive limit: 0,6 at 25 °C

Upper flammable/explosive limit: 7,0 % at 25 °C

Auto-ignition temperature: 349 °C (660.2 °F)

Evaporation rate: Not available

Vapour pressure: Not available

Vapour density: > 1 (air = 1)

Relative density: 1,040 kg/L at 20 °C (water = 1)

Solubility in water: Insoluble

Partition coefficient – n-octanol/water: Not available

Decomposition temperature: Not available

Kinematic viscosity: > 20,5 mm²/s (at 40 °C)



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10. Stability and reactivity

Reactivity: Stable under recommended conditions of storage and handling.

Chemical stability: The product is chemically stable under normal conditions of use.

Possibility of hazardous reactions: Danger of explosion when heated. No dangerous or polymerization reactions will occur under normal conditions of use.

Conditions to avoid: Avoid electrical discharge. Keep away from sources of ignition, open flames and sparks, Keep away from incompatible products.

Incompatible materials: This product can attack certain types of plastic, rubber or coatings.

Hazardous decomposition products: Carbon monoxide and dioxide. Nitrogen oxides. Hydrocyanic acid.

11. Toxicological information

No	CAS No	Common name and synonyms	LD ₅₀ oral mg/kg	LD ₅₀ skin mg/kg	LC ₅₀ inhalation ppmV 4h - gases	LC ₅₀ inhalation mg/l 4h - vapours	LC ₅₀ inhalation mg/l 4h - dusts-mist
1	67815-87-6	Aromatic polyisocyanate MDI based	> 5000	> 5000	S.O.	S.O.	1.50
2	64742-48-9	Naphtha hydrotreated, heavy fraction	5000	> 3200	S.O.	> 20.00	8.5
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	> 5000	> 5000	S.O.	> 20.00	> 5.00
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	8400	> 5000	S.O.	> 20.00	> 5.00
5	95-63-6	1,2,4-Trimethylbenzene	> 5000	> 5000	S.O.	10.2	1.5
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	31600	> 10000	S.O.	S.O.	0.368
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	31600	> 10000	S.O.	11.00	1.01
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	> 10000	9400	S.O.	0.5	0.49
9	1333-86-4	Carbon black. (C.I. pigment black 7)	> 8000	> 3000	S.O.	S.O.	> 5.00
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	3523	4325	S.O.	21.713	> 5.00
11	98-82-8	Cumene. 2-Propylbenzene	2260	3160	S.O.	39.33	> 7.50

Routes of exposure: This product is absorbed through the respiratory tract, skin and gastrointestinal tract.

Symptoms: This product is irritating to skin, eyes, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.).The worker may develop cutaneous and respiratory hypersensitivity. Repeated exposures lead to the chronic form whose symptoms are dyspnea to exercise, cough with sputum, fatigue and weight loss. Inhalation of high concentrations may cause headache, nausea, vomiting, dizziness, incoordination, confusion, stupor, drowsiness and death.

Delayed and immediate effects: May cause eye, skin and upper respiratory tract irritation. May cause bronchoconstriction and pulmonary edema. Following repeated or prolonged contact, it has a degreasing effect on the skin. This product is a respiratory and skin sensitizer. Can cause major depression of the central nervous system.

No	CAS No	Common name and synonyms	IARC	ACGIH	Mutagenicity	Effect on reproduction
1	67815-87-6	Aromatic polyisocyanate MDI based	N.D.	N.D.	Not available.	Not available.
2	64742-48-9	Naphtha hydrotreated, heavy fraction	N.D.	N.D.	No effects shown.	Not available.
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	N.D.	N.D.	Not available.	Not available.



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4	64742-95-6	Naphtha, light aromatic fraction C8-C10	N.D.	N.D.	Not available.	Experimental teratogen.
5	95-63-6	1,2,4-Trimethylbenzene	4	A5	No effects shown.	Not available.
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	3	A4	The data do not allow for an adequate assessment of mutagenic effects.	The data do not allow for an adequate evaluation of the effects on development.
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	2B	A3	No effects shown.	Not available.
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	3	A4	No effects shown.	Not available.
9	1333-86-4	Carbon black. (C.I. pigment black 7)	2B	A3	Mutagenic effects shown in animals or suspected in humans.	Not available.
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	3	A4	The data do not allow for an adequate assessment of mutagenic effects.	It has an embryotoxic and / or fetotoxic in animals. It can cause sperm damage in animals.
11	98-82-8	Cumene. 2-Propylbenzene	2B	A3	Not available.	Not available.

Cancer classification under IARC (International Agency for Research on Cancer)

- Group 1: carcinogenic to humans.
- Group 2A: probably carcinogenic to humans.
- Group 2B: possibly carcinogenic to humans.
- Group 3: not classifiable as to its carcinogenicity to humans.
- Group 4: probably not carcinogenic to humans.

Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

- Group A1: confirmed human carcinogen.
- Group A2: suspected human carcinogen.
- Group A3: confirmed animal carcinogen with unknown relevance to humans.
- Group A4: not classifiable as a human carcinogen.
- Group A5: not suspected as a human carcinogen.

12. Ecological information

No	CAS No	Common name and synonyms	%	Persistent	Bio-accumulation	Aquatic ecotoxicity
1	67815-87-6	Aromatic polyisocyanate MDI based	15.00 - 40.00	Yes	No	No
2	64742-48-9	Naphtha hydrotreated, heavy fraction	10.00 - 30.00	Yes	Yes	Yes
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	10.00 - 30.00	Yes	No	No
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	10.00 - 30.00	No	No	No
5	95-63-6	1,2,4-Trimethylbenzene	4.80	No	No	No
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	4.61	No	No	No
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	3.46	No	No	No
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	2.34	No	No	No
9	1333-86-4	Carbon black. (C.I. pigment black 7)	1.83	Yes	No	No



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10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	0.39	No	No	No
11	98-82-8	Cumene. 2-Propylbenzene	0.19	No	No	No

No	CAS No	Common name and synonyms	%	Ecotoxicity for aquatic organisms - Short term	Ecotoxicity for aquatic organisms - Long term	Environmental effects
1	67815-87-6	Aromatic polyisocyanate MDI based	15.00 - 40.00	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
2	64742-48-9	Naphtha hydrotreated, heavy fraction	10.00 - 30.00	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	10.00 - 30.00	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	10.00 - 30.00	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
5	95-63-6	1,2,4-Trimethylbenzene	4.80	Not available.	Very toxic to aquatic life with long lasting effects.	No known adverse effect to the environment.
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	4.61	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	3.46	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	2.34	Not available.	Very toxic to aquatic life with long lasting effects.	No known adverse effect to the environment.
9	1333-86-4	Carbon black. (C.I. pigment black 7)	1.83	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	0.39	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
11	98-82-8	Cumene. 2-Propylbenzene	0.19	Not available.	Toxic to aquatic life with long lasting effects.	No known adverse effect to the environment.



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13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally.

14. Transport information

	TDG	DOT	IMDG	IATA
UN Number	1992	1992	1992	1992
Proper shipping name	FLAMMABLE LIQUID, TOXIC, N.O.S. (Naphtha, 1,2,4-Trimethylbenzene)	FLAMMABLE LIQUID, TOXIC, N.O.S. (Naphtha, 1,2,4-Trimethylbenzene)	FLAMMABLE LIQUID, TOXIC, N.O.S. (Naphtha, 1,2,4-Trimethylbenzene)	FLAMMABLE LIQUID, TOXIC, N.O.S. (Naphtha, 1,2,4-Trimethylbenzene)
Transport hazard class(es)	3(6.1)	3(6.1)	3(6.1)	3(6.1)
Packing group	III	III	III	III

Other information

Marine pollutant: No

Exemption for limited quantity: 5 L

In accordance with the Canadian Transport of Dangerous Goods regulations by Road, we use the 1.17 exemption when applicable. In accordance with 49 CFR article 172.315 for transportation by a mode other than air, we use the Limited quantities exemption when applicable.

Special precautions: Not applicable

Other exemptions: No other exemption.

15. Regulatory information

Canada

No	CAS No	Common name and synonyms	%	DSL	NDSL	NPRI
1	67815-87-6	Aromatic polyisocyanate MDI based	15.00 - 40.00	X		
2	64742-48-9	Naphtha hydrotreated, heavy fraction	10.00 - 30.00	X		X
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	10.00 - 30.00	X		
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	10.00 - 30.00	X		X
5	95-63-6	1,2,4-Trimethylbenzene	4.80	X		X
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	4.61	X		X
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	3.46	X		
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	2.34	X		X
9	1333-86-4	Carbon black. (C.I. pigment black 7)	1.83	X		
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	0.39	X		X



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11	98-82-8	Cumene. 2-Propylbenzene	0.19	X		X
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United States

No	CAS No	Common name and synonyms	%	TSCA	PROP-65	Right to Know
1	67815-87-6	Aromatic polyisocyanate MDI based	15.00 - 40.00	X		
2	64742-48-9	Naphtha hydrotreated, heavy fraction	10.00 - 30.00	X		
3	52747-01-0	4,4'-methylenediphenyl diisocyanate, oligomer with [(methylethylene)bis(oxy)] dipropanol	10.00 - 30.00	X		
4	64742-95-6	Naphtha, light aromatic fraction C8-C10	10.00 - 30.00	X		
5	95-63-6	1,2,4-Trimethylbenzene	4.80	X		X
6	101-68-8	4,4'-Diphenylmethane diisocyanate polymer. MDI polymer	4.61	X		X
7	26447-40-5	4,4'-Dipheylmethane diisocyanate. polymeric MDI	3.46	X		
8	9016-87-9	Polymethylene polyphenyl isocyanate. polymeric PMDI	2.34	X		
9	1333-86-4	Carbon black. (C.I. pigment black 7)	1.83	X	X	X
10	1330-20-7	Xylenes, mix isomers o,m,p, and ethyl benzene. Dimethylbenzene, mix isomers o,m,p, and ethyl benzene	0.39	X		X
11	98-82-8	Cumene. 2-Propylbenzene	0.19	X	X	X

The customer is responsible for determining the PPE (personal protection equipment) code for this material.

The classification of the product and the SDS were developed in accordance with HPR and HazCom 2012.

16. Other information

Date: 2020-05-13

Version: 1

Notice to reader: The manufacturer hereby declares that the information disclosed herein have been based on governmental sites and/or raw material supplier's. The manufacturer has no control over the nature and content of such information. The manufacturer fully reproduces all the information it holds on the constituent of the product, at the time it is manufactured. The manufacturer does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. By this data sheet, the manufacturer hereby discloses all the potential dangers it has knowledge of and which might be related to the using or manipulation of the product in order to allow the proper care to be brought and use with regard to the product. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist and notification is hereby given to the user. Notice is hereby given that injury can derive therefrom if the foregoing is not respected. The manufacturer assumes no responsibility for personal and/or material damage, lost or injury of whichever nature caused or which may occur following the wrongful, inappropriate, negligent or abusive use or handling of the product or from not having read the herein contained information.