SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	INSTANT PU REPAIR, Part A
Other means of identification	IPU-000-A
Recommended use and restrictions on use	Floor Coating
Initial supplier identifier	LabSurface. 101-1079 des Forges, Terrebonne, J6Y 0J9, Qué (Canada) Tél. (450) 966-9000
Emergency telephone number/restriction on use	Canada – CANUTEC Number 24 hours 613-996-6666

Section 2. Hazard Identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Flammable liquids (Category 3)
Aspiration hazard (Category 1)
Serious eye damage/eye irritation (Category 2A)
Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3)
Specific target organ toxicity, single exposure; narcotic effects (Category 3)
Germ cell mutagenicity (Category 1B)
Carcinogenicity (Category 1B)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)

Warning
H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airway
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H340 May cause genetic effects
H350 May cause cancer

Prevention
P201 Obtain special instruction 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. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof (electrical/ventilating/lighting) equipment. P242 Use non-sparkling tools. P243 Take action to prevent static discharges. P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands/nails/face/eyes thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P280 Wear gloves/protective clothing/gloves/eye protection/face protection.

Response
IF SWALOWED: P301 + P331 Do NOT induce vomiting. P310 Immediately call a POISON CENTER
IF ON SKIN: P303+P361+P353 If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water (or shower).
IF INHALED: P304 + P340 Remove person to fresh air and keep comfortable for breathing. P312 Call a doctor if you feel unwell.
IF IN EYES: P305 + P351 + P338 Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.
IF EXPOSED OR CONCERNED: P308 + P313 Get medical advice/attention.
IN CASE OF FIRE: P370 + P378 Use manufacturer/supplier or the competent authority to specify appropriate media.

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

Disposal
P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other hazards known	None

Section 3. Composition/Information on Ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)
Tetrahydroxypropylethylendiamine	136210-30-5	25 - 40 %
Light aromatic naphtha solvent	64742-95-6	45 – 70 %

Section 4. First-Aid Measures

Inhalation	IF INHALED: If overexposure remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, seek medical attention.
Ingestion	IF SWALLOWED: Immediately call a doctor. Prevent aspiration of vomit. If vomiting occurs spontaneously, keep head below hips to prevent aspiration Rinse mouth thoroughly with water.

Skin contact	IF ON SKIN: Remove contaminated clothing, wash immediately with soap and water (20 - 30 minutes). If skin irritation occurs: Get medical attention. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (20 - 30 minutes). Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Most important symptoms and effects (acute or delayed)	May be fatal if swallowed and enters airway. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause genetic effects. May cause cancer.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

Section 5. Fire-Fighting Measures

Specific hazards of the hazardous product (hazardous combustion products)

Toxic fumes.

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide (CO_2), dry chemical, alcohol resistant foam, dry sand, water.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment as required

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up

Avoid prolonged exposure. Stop leak if you can do it without risk. Spill should be contained with inert material and disposed into suitable retaining area. Do not touch or walk through spilled material. Small volumes of liquid may be contained or absorbed into an appropriate absorbent. Keep away from all watercourses. Do not flush down storm or sanitary sewer. Take precautionary measures against static discharges. Dispose of in accordance with local, provincial and federal regulations

Section 7. Handling and Storage

Precautions for safe handling

Obtain special instruction 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. Ground and bond container and receiving equipment. Use explosion-proof (electrical/ventilating/lighting) equipment. Use non-sparkling tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands/nails/ face/eyes thoroughly after handling. Use only outdoors or in a well ventilated area. Wear gloves/protective clothing/gloves/eye protection/face protection.

Conditions for safe storage, including any incompatibilities

Keep container closed when not in use. Store in a cool, well-ventilated area. Do not handle or store near open flames, heat or other sources of ignition. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks. Storage temperature: 16 - 27 °C.

Section 8. Exposure Controls/Personal Protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: ACGIH – TLV-TWA Not data available

Appropriate engineering controls

Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area. Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards.

Individual protection measures/personal protective equipment

Gloves: Neopren gloves or equivalent; Clothing: Shirts with long sleeves, long pants; Respiratory: Not required if working area is well ventilated. Use a NIOSH approved respirators if the exposure limits are unknown; Equipment: Safety glasses, chemical resistant. Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and Chemical Properties

Appearance, physical state/colour	Liquid	**Vapour pressure**	Not available
Odour	Aromatic	**Vapour density**	Not available
Odour threshold	Not available	**Relative density**	Not available
pH	Not available	**Solubility**	Negligible
Melting/freezing point	Not available	**Partition coefficient - n-octanol/water**	Not available

Initial boiling point/range	Not available	**Auto-ignition temperature**	200^{O}C
Flash point	Approx. 50 ^{O}C (128 ^{O}F)	**Decomposition temperature**	Not available
Evaporation rate	Not available	**Viscosity**	Not available
Flammability (solids and gases)	Not available	**VOC**	Not available
Upper and lower flammability/explosive limits	Not available	**Other**	None known

Section 10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Yes, Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

Non under normal conditions of storage and use.

Conditions to avoid (static discharge, shock or vibration)

Excess heat.

Incompatible materials

Oxidizing agents, acids.

Hazardous decomposition products

Carbon mono and dioxide, other hydrocarbons

Section 11. Toxicological Information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

May be fatal if swallowed and enters airway. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause genetic effects. May cause cancer.

Symptoms related to the physical, chemical and toxicological characteristics

Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing. Respiratory tract irritation.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – May cause skin dryness or cracking; Respiratory Sensitization – No data available;

Germ Cell Mutagenicity – Contains a known or suspected mutagen; Carcinogenicity: Contains ethylbenzene. The International Agency for Research on Cancer has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans; Reproductive Toxicity: There have been a few studies investigating the mutagenic potential of xylenes. These studies were negative;

Specific Target Organ Toxicity — Single Exposure –May cause drowsiness or dizziness. May cause respiratory irritation; Specific Target Organ Toxicity — Repeated Exposure –No information available;

Aspiration Hazard: May be fatal if swallowed and enters airways; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD_{50} & LC_{50})

CAS 64742-95-6 LD_{50} Oral - Rat - = 8400 mg/kg; LD_{50} Dermal – Rabbit > 2000 mg/kg; LC_{50} Inhalation - Rat =3400 ppm 4hrs; ATE CAS 64742-95-6 ATEmix (oral) 8,400.00 mg/kg; ATEmix (dermal) 2,002.00 mg/kg.

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial information)

Toxicity to fish: CAS 64742-95-6 Toxicity to fish LC_{50}: 9.22 mg/l (Oncorhynchus mykiss) 96h);
Toxicity to Aquatic Invertebrates: EC_{50}: = 6 mg/l (Daphnia magna) 48h);

Persistence and degradability	Low biodegradability.
Bioaccumulative potential	Does not significantly accumulate in organisms.
Mobility in soil	Adsorption to solid soil phase is not expected.
Other adverse effects	No data available

Section 13. Disposal Considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport Information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

NAME: Resin Solution, flammable; UN NUMBER: UN 1866; HAZARD CLASS: 3; PACKING GROUP: III.

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

NAME: Resin Solution, flammable; UN NUMBER: UN 1866; HAZARD CLASS: 3; PACKING GROUP: III; MARINE POLLUTANT: No

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

NAME: Resin Solution, flammable; UN NUMBER: UN 1866; HAZARD CLASS: 3; PACKING GROUP: III.

Special precautions (transport/conveyance)	Can be shipped as LIMITED QUANTITY according to TDG or NOT REGULATED (1.33).
Environmental hazards (IMDG or other)	None
Bulk transport (usually more than 450 L in capacity)	N/A according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Section 15. Regulatory Information

Safety/health Canadian regulations specifics	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics	
United States OSHA information: This product is regulated according to OSHA (29 CFR). United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.	

Section 16. Other Information

Date of the latest revision of the safety data sheet	February 04, 2018 - version 1
References	Safety Data Sheets from manufacturer/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	INSTANT PU REPAIR, Part B
Other means of identification	IPU-B
Recommended use and restrictions on use	Floor Coating
Initial supplier identifier	LabSurface. 101-1079 des Forges, Terrebonne, J6Y 0J9, Qué (Canada) Tél. (450) 966-9000
Emergency telephone number/restriction on use	Canada – CANUTEC Number 24 hours 613-996-6666

Section 2. Hazard Identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Flammable liquids (Category 3)
Aspiration hazard (Category 1)
Skin corrosion/irritation (Category 2)
Skin Sensitisation (Category 1)
Serious eye damage/eye irritation (Category 2A)
Acute toxicity Inhalation (Category 2)
Sensitisation respiratory (Category 1)
Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3)
Specific target organ toxicity, single exposure; narcotic effects (Category 3)
Germ cell mutagenicity (Category 1B)
Carcinogenicity (Category 1B)
Specific target organ toxicity, repeated exposure (Category 2)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)

Warning

H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airway
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H330 Fatal if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H340 May cause genetic effects
H350 May cause cancer
H373 May cause damage to organs through prolonged or repeated exposure

Prevention

P201 Obtain special instruction 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. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof (electrical/ventilating/lighting) equipment. P242 Use non-sparkling tools. P243 Take action to prevent static discharges. P260 Do not breath/avoid dust/fume/gas/mist/vapours/spry. P264 Wash hands/nails/face/eyes thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear gloves/protective clothing/gloves/eye protection/face protection. P284 (In case of inadequate ventilation) wears respiratory protection.

Response

IF SWALOWED: P301 + P331 Do NOT induce vomiting. P310 Immediately call a POISON CENTER
IF ON SKIN: P302 + P352 Wash with plenty of water. P332 + P313 If skin irritation occurs: Get medical advice/attention. P303+P361+P353 If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water (or shower). P362 + P364 Take off contaminated clothing and wash it before reuse.
IF INHALED: P304 + P340 Remove person to fresh air and keep comfortable for breathing. P310 Immediately call a POISON CENTER/doctor if you feel unwell. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER /doctor.
IF IN EYES: P305 + P351 + P338 Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.
IF EXPOSED OR CONCERNED: P308 + P313 Get medical advice/attention.
IN CASE OF FIRE: P370 + P378 Use manufacturer/supplier or the competent authority to specify appropriate media.

Storage

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

Disposal
P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other hazards known	None

Section 3. Composition/Information on Ingredients

Chemical name (common name/synonyms)	**CAS number or other**	**Concentration (%)**
Polyphenylene isocyanate (MDI)	9016-87-9	30 - 60 %
Diphenylmethane diisocyanate (MDI)	26447-40-5	30 - 60 %
Light aromatic naphtha solvent	64742-95-6	20 - 40 %

Section 4. First-Aid Measures

Inhalation	IF INHALED: If overexposure remove person to fresh air and keep comfortable for breathing. If symptoms persist, seek medical attention. Aspiration into lungs can produce severe lung damage. If not breathing, give artificial respiration or give oxygen by trained personnel. Use barrier to give mouth-to-mouth resuscitation.
Ingestion	IF SWALLOWED: CAN ENTER LUNGS AND CAUSE DAMAGE. Immediately call a doctor. Prevent aspiration of vomit. Rinse mouth thoroughly with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person.
Skin contact	IF ON SKIN: Remove contaminated clothing, wash immediately with soap and water (20 - 30 minutes). If skin irritation occurs: Get medical attention. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (20 - 30 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. DO NOT attempt to manually remove anything stuck to eye(s)
Most important symptoms and effects (acute or delayed)	Causes serious eye irritation. Causes skin irritation. Fatal if inhaled. May cause an allergic skin reaction. May cause genetic effects. May cause cancer. May be fatal if swallowed and enters airway. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document. Exposure to isocyanates can cause difficulty breathing or asthmatic reaction.

Section 5. Fire-Fighting Measures

Specific hazards of the hazardous product (hazardous combustion products)

Toxic fumes.

Suitable and unsuitable extinguishing media

In case of fire: Use Carbon dioxide (CO_2), dry chemical, alcohol resistant foam, dry sand, water.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment as required. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. Do not smoke, extinguish all ignition sources. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). Prevent the spill spread into drains, sewers, water supplies, or soil. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up

Avoid prolonged exposure. Stop leak if you can do it without risk. Do not touch or walk through spilled material. Spill should be contained with inert material and disposed into suitable retaining area. Do not touch or walk through spilled material. Small volumes of liquid may be contained or absorbed into an appropriate absorbent. Keep away from all watercourses. Do not flush down storm or sanitary sewer. Take precautionary measures against static discharges. Dispose of in accordance with local, provincial and federal regulations.

Section 7. Handling and Storage

Precautions for safe handling

Obtain special instruction 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. Ground and bond container and receiving equipment. Use explosion-proof (electrical/ventilating/ lighting) equipment. Use non-sparkling tools. Take action to prevent static discharges. Do not breath/avoid dust/fume/gas/mist/vapours/spry. Wash hands/nails/face/eyes thoroughly after handling. Use only outdoors or in a well ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear gloves/protective clothing/gloves/eye protection/face protection. (In case of inadequate ventilation) wears respiratory protection.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep container closed when not in use. Do not handle or store near open flames, heat or other sources of

ignition. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks. Storage temperature: 16 - 27 °C.

Section 8. Exposure Controls/Personal Protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: CAS 9016-87-9 ACGIH – TLV-TWA 0.005 ppm/ STEL 0.07 mg/m^3; CAS 26447-40-5 ACGIH – TLV-TWA 0.02 ppm/ 0.005 ppm; CAS 64742-95-6 ACGIH – TLV-TWA Not available.

Appropriate engineering controls

Use product in well-ventilated areas. Do not spray the product. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area. Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards.

Individual protection measures/personal protective equipment

Gloves: Neopren gloves or equivalent; Clothing: Shirts with long sleeves, long pants; Respiratory: Not required if working area is well ventilated. Use a NIOSH approved respirators if the exposure limits are unknown; Equipment: Safety glasses, chemical resistant. Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and Chemical Properties

Appearance, physical state/colour	Liquid	**Vapour pressure**	Not available
Odour	Aromatic	**Vapour density**	Not available
Odour threshold	Not available	**Relative density**	Not available
pH	Not available	**Solubility**	Negligible
Melting/freezing point	Not available	**Partition coefficient - n-octanol/water**	Not available
Initial boiling point/range	Not available	**Auto-ignition temperature**	200^{O}C
Flash point	Approx. 50 ^{O}C (128 ^{O}F)	**Decomposition temperature**	Not available
Evaporation rate	Not available	**Viscosity**	Not available
Flammability (solids and gases)	Not available	**VOC**	Not available
Upper and lower flammability/explosive limits	Not available	**Other**	None known

Section 10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Yes, Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

Non under normal conditions of storage and use. Subject to static discharge hazards.

Conditions to avoid (static discharge, shock or vibration)

Excess heat.

Incompatible materials

Water, amines, alcohols, oxidizing agents, acids, bases, metal, phenol, marcaptants, urethanes.

Hazardous decomposition products

Carbon mono (CO) and dioxide (CO_2), nitrogen oxides, hydrogen cyanide, toxic fumes.

Section 11. Toxicological Information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Causes serious eye irritation. Causes skin irritation. Fatal if inhaled. May cause an allergic skin reaction. May cause genetic effects. May cause cancer. May be fatal if swallowed and enters airway. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Eye irritation - burning sensation, tearing, redness and swelling; Skin sensitization, resulting in dermatitis, may occur in some individuals; Ingestion, swallowing may result in irritation and corrosion of the mouth, throat and digestive tract Respiratory tract irritation.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – May cause allergic skin reaction. Skin disorders and Allergies.; Respiratory Sensitization – No data available;
Germ Cell Mutagenicity – No available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA. Although lifetime inhalation of PMDI aerosols by rats resulted in a small number of benign adenomas, they are considered to be of unlikely relevance to occupational exposures; Reproductive Toxicity – No available;
Specific Target Organ Toxicity — Single Exposure – Not available; Specific Target Organ Toxicity — Repeated Exposure – Not available; Aspiration Hazard – May cause respiratory sensitization.; CAS 64742-95-6 May be fatal if swallowed and enters airways; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD_{50} & LC_{50})

CAS: 9016-87-9 LD_{50} Oral - Rat >10000 mg/kg; LD_{50} Dermal – Rabbit - 6200 mg/kg; LC_{50} Inhalation - Rat – 490 mg/m^3 4hrs; CAS 26447-40-5

LD_{50} Oral - Rat - 2200 mg/kg; LD_{50} Dermal – Rat > 10000 mg/kg; LC_{50} Inhalation - Rat – 370 mg/m^3 4hrs ; CAS 64742-95-6 LD_{50} Oral - Rat = 8400 mg/kg; LD_{50} Dermal – Rabbit > 2000 mg/kg; LC_{50} Inhalation - Rat = 3400 ppm 4hrs;
ATE CAS 64742-95-6 ATEmix (oral) 8,400.00 mg/kg; ATEmix (dermal) 2,002.00 mg/kg.

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial information)

Toxicity to fish: CAS: 9016-87-9LC_{50}: >1000 mg/l (Zebra fish); CAS 64742-95-6: LC_{50}: 9.22 mg/l (Oncorhynchus mykiss) 96h);
Toxicity to Aquatic Invertebrates: CAS: 9016-87-9: EC_{50}: > 1,000 mg/l (Daphnia magna) 24h); CAS 64742-95-6: EC_{50}: = 6.14 mg/l (Daphnia magna) 48h)
Toxicity to Microorganisms CAS: 9016-87-9 EC_{50}: >1,000 mg/l, (E, coli).

Persistence and degradability	Low biodegradability.
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport Information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

NAME: Resin Solution, flammable; UN NUMBER: UN 1866; HAZARD CLASS: 3; PACKING GROUP: III.

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

NAME: Resin Solution, flammable; UN NUMBER: UN 1866; HAZARD CLASS: 3; PACKING GROUP: III; MARINE POLLUTANT: No

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

NAME: Resin Solution, flammable; UN NUMBER: UN 1866; HAZARD CLASS: 3; PACKING GROUP: III

Special precautions (transport/conveyance)	Can be shipped as LIMITED QUANTITY according to TDG or NOT REGULATED (1.33).
Environmental hazards (IMDG or other)	None
Bulk transport (usually more than 450 L in capacity)	N/A according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Section 15. Regulatory Information

Safety/health Canadian regulations specifics	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL

Safety/health/environmental outside regulations specifics

United States OSHA information: This product is regulated according to OSHA (29 CFR).
United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.
United States TCSA information: Refer to the ingredients listed in Section 3.

Section 16. Other Information

Date of the latest revision of the safety data sheet	February 04, 2018 - version 1
References	Safety Data Sheets from manufacturer/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu
Abbreviations	

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

included in this reference document may not be up to date as of the date of reference.