

Section 1 Identification

Product identifiers

REPRO® Reproduction Plastic, Repro One Part A

Relevant identified uses of the substance or mixture and uses advised against

Polyol component of Fast-Cast Urethane. For industrial and professional use only

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company
1101 Moore Road
Avon, OH 44011 USA
Telephone: (440) 934-1902
Email: contactus@freemansupply.com

24 Hour emergency telephone number:

CHEMTREC (800) 424-9300

Customer Number 8849

Section 2 Hazards Identification

GHS Classification of product in accordance with 29 CFR 1910.1200 (OSHA HCS)

Flammable Liquid, Category 4

Skin Irritation, Category 2

Eye Irritation, Category 2A

Reproductive Toxicity, Category 1B

Specific Target Organ Toxicity - Single Exposure, Category 3 (Central Nervous System, Respiratory System)

GHS Label elements



Danger

Hazard Statements

Combustible liquid.

Causes skin irritation.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause respiratory irritation.

Precautionary Statements

Do not breathe mist, vapors or spray.

Wear protective gloves/eye protection/face protection.

Use only outdoors or in a well-ventilated area.

In case of inadequate ventilation wear respiratory protection

Wash skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

If on skin: Remove contaminated clothing. Wash thoroughly with soap and water.

If skin irritation or rash occurs get medical attention.

If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

Section 3 Composition/Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Polyether polyols	Proprietary mixture of 25214-63-5, 9051-49-4	10 - 40
Solvent naphtha (petroleum), light arom.	64742-95-6	5 - 10
Distillates (petroleum) hydrotreated light	64742-47-8	1 - 5
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	1 - 5
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Propylbenzene	103-65-1	0.1 - 1.0
Aluminum powder	7429-90-5	0.1 - 1.0
Cumene	98-82-8	0 - 0.2
1-Methyl-2-pyrrolidone	872-50-4	0 - 0.1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 First Aid Measures

If inhaled: Move person into fresh air. If not breathing, give artificial respiration. Get medical attention if irritation develops.

In case of skin contact: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing and shoes before reuse.

In case of eye contact: Flush eyes with water for at least 15 minutes. Get medical attention immediately.

If swallowed: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Causes serious eye irritation with symptoms of reddening, tearing, swelling, and burning.

Indication of any immediate medical attention and special treatment required

Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5 Fire-Fighting Measures

Extinguishing Media

Suitable agents: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam or alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams or protein foams may function but will be less effective. Water fog, applied gently may be used as a blanket for fire extinguishment.

Unsuitable agents: Do not use direct water stream, may spread fire.

Specific hazards arising from the chemical

In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

Fire or high heat may produce hazardous decomposition products: carbon dioxide, carbon monoxide, nitrogen oxide, hydrogen cyanide, and other aliphatic fragments which have not been determined.

Special protective actions and equipment for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

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

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For personal protection see section 8.

Environmental precautions

Avoid release to the environment.

Methods and materials for containment and cleaning up

Move containers from spill area. Absorb with an inert dry material until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Place in an appropriate waste disposal container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/ international regulations. For larger spills, dispose of via a licensed waste disposal contractor. Remove residual with soap and hot water. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed.

Section 7 Handling and Storage

Precautions for safe handling

For industrial/occupational use only. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. Incompatible with acids, and oxidizing agents (e.g. Chlorine, chromic acid etc.). Avoid unintentional contact with isocyanates.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Component	Value	Control parameters	Source
Polyether polyols	TWA	20 ppm	ACGIH
Solvent naphtha (petroleum), light arom.	TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
Distillates (petroleum) hydrotreated light	TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
1,2,4-Trimethylbenzene	TWA	25 ppm	ACGIH
Cumene	TWA	50 ppm	ACGIH
N-Methylpyrrolidone	TWA	10 ppm	US WEEL

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Individual protection measures

Eye/face protection: Safety glasses equipped with side shields or goggles.

Hand protection: Chemical-resistant, impervious gloves. Consult glove manufacturer for suitability. Contaminated gloves should be replaced.

Body protection: Prevent skin contact when handling material.

Respiratory protection: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Section 8 Exposure Controls/Personal Protection

Safety stations

Make emergency eyewash stations and washing facilities available in work area.

General hygienic practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

Appearance	Opaque gray liquid
Odor	Mild, of polyol
Odor threshold	No data available
pH	No data available
Melting or freezing point	No data available
Initial boiling point/boiling range	No data available
Flash point (COC)	66°C (150°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (g/cc)	1.75
Water solubility	Slight
Coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Approximately 2, 000 cP at room temperature
VOC Content	0.8 lb/gal.
% Volatile	3-10%

Section 10 Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under recommended storage conditions

Possibility of hazardous reactions

None known

Conditions to avoid

Heat and open flames

Incompatible materials

Water, alcohols, amines, bases, acids, and oxidizing agents

Hazardous decomposition products

Fire or high heat may produce hazardous decomposition products: carbon dioxide, carbon monoxide, nitrogen oxide, hydrogen cyanide, and other aliphatic fragments which have not been determined.

Section 11 Toxicological Information

Acute oral toxicity	LD50, Rat >2,000 mg/kg (Polyether polyol)
Acute inhalation toxicity	No data available
Acute dermal toxicity	LD50, Rat >2,000 mg/kg (Polyether polyol)
Skin corrosion/irritation	May cause skin irritation in susceptible persons.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Not expected to be mutagenic in humans.
Carcinogenicity	IARC: Cumene: 2B. Possibly carcinogenic to humans NTP: Cumene: Reasonably anticipated to be a human carcinogen OSHA: No components present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogen.
Reproductive toxicity	Suspected of damaging the unborn child.
Specific Target Organ Toxicity (STOT)	
Single Exposure	May cause headache, dizziness, tiredness, nausea and vomiting. May cause respiratory irritation.
Repeated Exposure	None expected
Aspiration toxicity	Not expected to be a hazard

Section 12 Ecological Information

Ecotoxicity, Product:	No data available
Component: Polyether Polyol	LC 50 (Fathead minnow (Pimephales promelas), 96 h): >1,000 mg/L
Persistence and degradability, Product:	No data available
Component: Polyether Polyol	Biodegradation, aerobic, <50%, Exposure time: 28 d
Bioaccumulative potential, Product:	No data available
Component: Polyether Polyol	Does not significantly biaccumulate
Mobility in soil, Product:	No data available
Component: Polyether Polyol	Adsorption to solid soil phase is not expected

Section 13 Disposal Considerations

Do not dispose of waste into sewer. Do not contaminate waterways. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 Transport Information

DOT / IATA / IMDG	Not regulated
Proper Shipping Name:	Liquid Resin N.O.I Not Regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15 Regulatory Information

Under States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Superfund Amendments and Reauthorization Act of 1986 Title III (SARA)

Section 302 Extremely Hazardous Substances: None present in regulated quantities.

Sections 311/312 Codes: See Section 2

Section 313 Toxic Chemicals (40 CFR 372.65): 1,2,4-Trimethylbenzene (95-63-6) 1-5%
 Cumene (98-82-8) 0.2%
 N-Methyl-2 pyrrolidone (872-50-4) 0.1%

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

 **WARNING:** This product can expose you to Cumene and N-methyl-2-pyrrolidone, which are known to the State of California to cause cancer or birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov

Chemical Name	CAS Number	Concentration (%)	No Significant Risk Level (NSRL)
Cumene	98-82-8	0.2 (calculated)	Not established
N-Methylpyrrolidone	872-50-4	0.1 (calculated)	3200 µg/day

Section 16 Other Information

Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

Date of Previous Revision: August 29, 2018

Date of Current Revision: September 28, 2023

Section 1 Identification

Product identifiers

REPRO® Reproduction Plastic, Repro® One Part B

Relevant identified uses of the substance or mixture and uses advised against

Isocyanate component of Fast-Cast Urethane. For industrial and professional use only

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company

1101 Moore Road

Avon, OH 44011 USA

Telephone: (440) 934-1902

Email: contactus@freemansupply.com

24 Hour emergency telephone number:

CHEMTREC (800) 424-9300

Customer Number 8849

Section 2 Hazard Identification

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Flammable Liquid, Category 4

Acute toxicity (Inhalation), Category 4

Skin irritation, Category 2

Eye irritation, Category 2B

Respiratory sensitization, Category 1

Skin sensitization, Category 1

Carcinogenicity, Category 2

Reproductive Toxicity, Category 2

Specific target organ toxicity, single exposure Category 3 (Respiratory System)

GHS Label elements



Danger

Hazard Statements

Combustible liquid.

Harmful if inhaled.

Causes skin irritation.

Causes eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

Suspected of causing cancer.

May damage fertility or the unborn child.

May cause respiratory irritation.

Precautionary Statements

Do not breath mist, vapors or spray.

Wear protective gloves/eye protection/face protection.

Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection

Wash skin and face thoroughly after handling.

Do not eat, drink or smoke when using this product.

If on skin: Remove contaminated clothing. Wash skin with soap and water.

If skin irritation or rash occurs get medical attention.

If inhaled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms get medical attention.

Section 2 Hazard Identification

If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.
 If swallowed: Immediately call a poison center and seek medical attention.
 Store in a well-ventilated place. Keep cool. Keep container tightly closed.
 Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

Section 3 Composition/Information on Ingredients

Ingredient	CAS Number	Concentration (%)
4,4'-Diphenylmethane diisocyanate (MDI)	Proprietary mixture of 101-68-8, 26447-40-5	10 - 40
Polymeric diphenylmethane diisocyanate (pMDI)	9016-87-9	5 - 20
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	1 - 5
Solvent naphtha (petroleum), light arom.	64742-95-6	1 - 5
Distillates (petroleum) hydrotreated light	64742-47-8	0.1 - 1.0
1,2,4-Trimethylbenzene	95-63-6	0.1 - 1.0
Propylbenzene	103-65-1	0.1 - 1.0
Cumene	98-82-8	0 - 0.1
1-Methyl-2-pyrrolidone	872-50-4	0 - 0.1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 First Aid Measures

If inhaled: Move person into fresh air. If not breathing, give artificial respiration. Get medical attention if irritation develops. Consult a physician immediately if symptoms such as shortness of breath or asthma are observed. A hyper-reactive response to even minimal concentrations of diisocyanates may develop in sensitised persons.

In case of skin contact: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing and shoes before reuse.

In case of eye contact: Flush eyes with water for at least 15 minutes. Get medical attention immediately.

If swallowed: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Causes serious eye irritation with symptoms of reddening, tearing, swelling, and burning. Severe allergic skin reactions, bronchospasm and anaphylactic shock This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the occupational exposure limit could cause respiratory sensitisation. Symptoms may include irritation to the eyes, nose, throat and lungs, possibly combined with dryness of the throat, tightness of chest and difficulty in breathing. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response to even minimal concentrations of MDI may develop in sensitised persons.

Indication of any immediate medical attention and special treatment required

Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Following severe exposure the patient should be kept under medical review for at least 48 hours.

Section 5 Fire-Fighting Measures

Extinguishing Media

Suitable agents: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam or alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams or protein foams may function but will be less effective. Water fog, applied gently may be used as a blanket for fire extinguishment.

Unsuitable agents: Do not use direct water stream, may spread fire.

Specific hazards arising from the chemical

In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

Fire or high heat may produce hazardous decomposition products: carbon dioxide, carbon monoxide, nitrogen oxides, hydrocarbons, hydrogen cyanide and other aliphatic fragments which have not been determined.

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Special protective equipment 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.

Further information

Closed containers may rupture under extreme heat or when contents are contaminated with water.

Use cold-water spray to cool fire-exposed containers to minimize the risk of rupture.

Apply water from a safe distance, since reactions between water and hot diisocyanates can be vigorous.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For personal protection see section 8.

Environmental precautions

Avoid release to the environment.

Methods and materials for containment and cleaning up

Move containers from spill area. Absorb with an inert dry material until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Place in an appropriate waste disposal container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/ international regulations. For larger spills, dispose of via a licensed waste disposal contractor. Remove residual with soap and hot water. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed.

Section 7 Handling and Storage

Precautions for safe handling

For industrial/occupational use only. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Do not heat this material above the flash point.

Incompatible with water, alcohols, amines, bases, and acids.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Component	Value Type	Control Parameters	Source
4,4'-Diphenylmethane Diisocyanate	TWA	0.005 ppm	ACGIH
Distillates (petroleum) hydrotreated light	TWA	200 mg/m ³	ACGIH
Solvent naphtha (petroleum), light arom.	TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
Distillates (petroleum) hydrotreated light	TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
1,2,4-Trimethylbenzene	TWA	25 ppm	ACGIH
Cumene	TWA	50 ppm	ACGIH
N-Methylpyrrolidone	TWA	10 ppm	US WEEL

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Individual protection measures

Eye/face protection: Safety glasses equipped with side shields or goggles.

Hand protection: Chemical-resistant, impervious gloves. Consult glove manufacturer for suitability. Contaminated gloves should be replaced.

Body protection: Prevent skin contact when handling material.

Respiratory protection: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Safety stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General hygienic practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

Appearance	Opaque tan liquid
Odor	Mild earthy, musty
Odor threshold	No data available
pH	No data available
Melting or freezing point	No data available
Initial boiling point/boiling range	No data available
Flash point (COC)	66°C (150°F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (g/cc)	1.75

Section 9 Physical and Chemical Properties

Water solubility	Insoluble-slowly reacts with water to produce carbon dioxide
Coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Approximately 1,000 cP at room temperature
VOC Content	0.3 lb/gal.
% Volatile	3-8%

Section 10 Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Polymerization may occur. Avoid contact with moisture or other material, which react with isocyanates. May occur at temperatures above 400°F (204°C)

Conditions to avoid

Heat and open flames.

Incompatible materials

Water, alcohols, amines, bases, and acids

Hazardous decomposition products

Thermal oxidative decomposition can produce carbon monoxide, carbon dioxide, oxides of nitrogen, dense black smoke, isocyanate, isocyanic acid, and other undetermined compounds.

Section 11 Toxicological Information

Acute oral toxicity	LD50, Rat >2,000 mg/kg (Polymeric MDI)
Acute inhalation toxicity	LC50, Rat 0.49 mg/L (Polymeric MDI)
Acute dermal toxicity	LD50, Rabbit >9,400 mg.kg (Polymeric MDI)
Skin corrosion/irritation	Mild skin irritant
Serious eye damage/eye irritation	Moderate eye irritant
Respiratory or skin sensitization	Skin sensitizer and respiratory sensitizer
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: Cumene: 2B. Possibly carcinogenic to humans NTP: Cumene: Reasonably anticipated to be a human carcinogen OSHA: No components present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogen.
Reproductive toxicity	May damage fertility or unborn child.
Specific Target Organ Toxicity (STOT)	
Single Exposure	May cause respiratory irritation
Repeated Exposure	Respiratory system
Aspiration toxicity	No data available.

Section 12 Ecological Information

Ecotoxicity, Product:	No data available
Component: 4,4'-Diphenylmethane	LC50 (Zebra fish (Brachydanio reria), 24 h): >500 mg/L
-Diisocyanate (MDI)	

Section 12 Ecological Information

Persistence and degradability, Product: No data available
Component: Polymeric (MDI): Not degradable
Bioaccumulative potential, Product: No data available
Component: Polymeric (MDI): Does not bioaccumulate
Mobility in soil, Product: No data available
Component: No data available

Section 13 Disposal Considerations

Do not dispose of waste into sewer. Do not contaminate waterways. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 Transport Information

DOT / IATA / IMDG Not regulated
Proper Shipping Name: Liquid Resin N.O.I Not Regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15 Regulatory Information

Under States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Superfund Amendments and Reauthorization Act of 1986 Title III (SARA)

SARA Sec 302 Extremely Hazardous Substances: None present in regulated quantities.

SARA Sec. 311/312 Codes: See Section 2

SARA Sec. 313 Toxic Chemicals (40 CFR 372): 4,4'-Diphenylmethane Diisocyanate (101-68-8) 10-40%
 Diphenylmethane Diisocyanate (9016-87-9) 5-20%
 1,2,4-Trimethylbenzene (95-63-6) <1%
 Cumene (98-82-8) 0.1%
 N-Methyl-2 pyrrolidone (872-50-4) 0.1%

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

⚠ WARNING: This product can expose you to Cumene and N-Methyl-2-pyrrolidone, which are known to the State of California to cause cancer or birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov

Chemical Name	CAS Number	Concentration (%)	No Significant Risk Level (NSRL)
Cumene	98-82-8	0.1 (calculated)	Not established
N-Methylpyrrolidone	872-50-4	0.1 (calculated)	3200 µg/day

Section 16 Other Information

Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

Date of Previous Revision: August 29, 2018

Date of Current Revision: September 28, 2023