

Revision Date: 9/25/2025

Citadel Flooring Multi Component Product Information Sheet

10104 CFFS PLYUR 350 3 GAL KIT 1A2B SUMER BLND is a multi component product composed of the following individual chemical components:

10132B POLYUREA 350 PART A 1 GALLON
10145 POLYUREA 350 B SUMMER 2 GALLON

SDSs for each component follow this cover sheet.

Transportation Information

UN Number:	Domestic (USDOT) N.A.	International (IMDG) N.A.	<u>Air (IATA)</u> N.A.	TDG (Canada) N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No	No

Finished Good Schedule B Harmonized Tariff Code 3913.90.8000

Revision Date: 9/25/2025

Date Printed: 9/25/2025 Page 1 / 6

Safety Data Sheet



www.citadelfloors.com

1. Identification

Name on Label: POLYUREA 350 PART A

Product Name: POLYUREA 350 PART A 1 GALLON **Revision Date:** 9/24/2025

Product Identifier: 10132B Supercedes Date: 2/2/2023

Recommended Use: Floor coating/Part A

Rust-Oleum Corporation Rust-Oleum Corporation Manufacturer: Supplier: 11 Hawthorn Parkway

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Vernon Hills, IL 60061 USA

Preparer: Regulatory Department

24 Hour Hotline: 847-367-7700 **Emergency Telephone:**

2. Hazard Identification

Classification

Symbol(s) of Product





Signal Word

Danger

Possible Hazards

55% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS Hazard Statements

Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Eye Irritation, category 2A	H319	Causes serious eye irritation.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Respiratory Sensitizer, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT, Single Exposure, category 3, RTI	H335	May cause respiratory irritation.
Carcinogenicity, category 2	H351	Suspected of causing cancer.
STOT, Repeated Exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.

Causes skin irritation

GHS Label Precautionary Statements

P201 Obtain special instructions before use.

P260 Do not breathe dust, fumes, gas, mist, vapours, or spray.

H315

P264 Wash thoroughly after handling.

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

POLYUREA 350 PART A

Date Printed: 9/25/2025 Page 2 / 6

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing, eye protection, and face protection.

P285 In case of inadequate ventilation wear respiratory protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

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

P312 Call a POISON CENTER or physician if you feel unwell.

P321 Specific treatment (see notice on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice.

P337+P317 If eye irritation persists: Get medical help.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional and national regulations.

GHS SDS Precautionary Statements

P363 Wash contaminated clothing before reuse.

3. Composition / Information on Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
4,4'-Diphenylmethane Diisocyanate (MDI)	101-68-8	45-70	GHS07-GHS08	H315-317-319-332-334-335-351 -373
1,2-Propanediol, 1,3-Butanediol, Tripropylene Glycol, Diphenylmethane Diisocyanate	70644-57-4	15-40	Not Available	Not Available
Benzene, 1,1'-Methylenebis[4-Isocyanato-, Homopolymer	25686-28-6	10-30	Not Available	Not Available
Butylated Hydroxytoluene	128-37-0	0.5-1.5	GHS07	H302

Actual concentrations of ingredients are withheld as trade secret.

4. First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

First Aid - Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Wash contaminated clothing and decontaminate footwear before reuse.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

Date Printed: 9/25/2025 Page 3 / 6

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Dry Chemical, Dry Sand

Unusual Fire and Explosion Hazards: Keep containers tightly closed.

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas.

Special Fire and Explosion Hazard (Combustible Dust): Not a combustible dust.

6. Accidental Release Measures

Steps to Be Taken If Material Is Released or Spilled: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8.

7. Handling and Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid prolonged or repeated contact with skin. Do not get in eyes, on skin or clothing.

Storage: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
4,4'-Diphenylmethane Diisocyanate (MDI)	101-68-8	50.0	0.005 ppm	N.E.	N.E.	0.02 ppm
1,2-Propanediol, 1,3-Butanediol, Tripropylene Glycol, Diphenylmethane Diisocyanate	70644-57-4	40.0	N.E.	N.E.	N.E.	N.E.
Benzene, 1,1'-Methylenebis[4- Isocyanato-, Homopolymer	25686-28-6	20.0	N.E.	N.E.	N.E.	N.E.
Butylated Hydroxytoluene	128-37-0	1.0	2 mg/m3	N.E.	N.E.	N.E.

PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: Use impervious gloves to prevent skin contact and absorption of this material through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

Date Printed: 9/25/2025 Page 4 / 6

9. Physical and Chemical Properties

Color Not Applicable pH N.A. Odor Characteristic Kinematic Viscosity N.D. Odor Threshold N.E. Solubility in Water Slight Freezing Point / Melting Point, °C N.D. Partition Coefficient, n-octanol/water N.D. Boiling Range, °C 300 - 300 Vapor Pressure N.D. Flammability Does → Support Combustion Evaporation Rate Slower than Ether Lower Explosion Limit, vol % N.A. Specific Gravity 1.233 Upper Explosion Limit, vol % N.A. Vapor Density Heavier than Air Flash Point, °C 210 Particle Characteristics N.A.	Physical State	Liquid		Decomposition Temperature, °C	N.D.
Odor Threshold N.E. Solubility in Water Partition Coefficient, n-octanol/water N.D. Boiling Range, °C 300 - 300 Vapor Pressure N.D. Flammability Does not Support Combustion Evaporation Rate Slower than Ether Lower Explosion Limit, vol% N.A. Specific Gravity 1.233 Upper Explosion Limit, vol% N.A. Vapor Density Heavier than Air Flash Point, °C 210	Color		Not Applicable	pH	N.A.
Freezing Point / Melting Point, °C N.D. Partition Coefficient, n-octanol/water N.D. Boiling Range, °C 300 - 300 Vapor Pressure N.D. Flammability Does not Support Combustion Evaporation Rate Slower than Ether Lower Explosion Limit, vol% N.A. Specific Gravity 1.233 Upper Explosion Limit, vol% N.A. Vapor Density Heavier than Air Flash Point, °C 210	Odor		Characteristic	Kinematic Viscosity	N.D.
Boiling Range, °C 300 - 300 Vapor Pressure N.D. Flammability Does not Support Combustion Evaporation Rate Slower than Ether Lower Explosion Limit, vol% N.A. Specific Gravity 1.233 Upper Explosion Limit, vol% N.A. Vapor Density Heavier than Air Flash Point, °C 210	Odor Threshold		N.E.	Solubility in Water	Slight
Flammability Does not Support Combustion Evaporation Rate Slower than Ether 1.233 Upper Explosion Limit, vol% N.A. Vapor Density Heavier than Air Flash Point, °C 210 Particle Characteristics N.A.	Freezing Point / Melting Po	int, °C	N.D.	Partition Coefficient, n-octanol/water	N.D.
Lower Explosion Limit, vol% N.A. Specific Gravity 1.233 Upper Explosion Limit, vol% N.A. Vapor Density Heavier than Air Flash Point, °C 210 Particle Characteristics N.A.	Boiling Range, °C		300 - 300	Vapor Pressure	N.D.
Upper Explosion Limit, vol% N.A. Vapor Density Heavier than Air Flash Point, °C 210 Particle Characteristics N.A.	Flammability	Does no	ot Support Combustion	Evaporation Rate	Slower than Ether
Flash Point, °C 210 Particle Characteristics N.A.	Lower Explosion Limit, vol9	6	N.A.	Specific Gravity	1.233
Particle Characteristics N.A.	Upper Explosion Limit, vol9	6	N.A.	Vapor Density	Heavier than Air
Auto-Ignition Temperature, °C N.D. Particle Characteristics N.A.	Flash Point, °C		210		
	Auto-Ignition Temperature,	°C	N.D.	Particle Characteristics	N.A.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid contact with metals. Avoid excess heat.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions. **Stability:** This product is stable under normal storage conditions.

11. Toxicological Information

Effects of Overexposure - Eye Contact: Can cause severe eye irritation. Causes eye burns. Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Irritating, and may injure eye tissue if not removed promptly. High vapor concentrations can irritate eyes, nose and respiratory passages.

Effects of Overexposure - Skin Contact: Prolonged or repeated skin contact may cause irritation. Substance is corrosive. Causes severe skin burns. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Severely irritating; may cause permanent skin damage.

Effects of Overexposure - Inhalation: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. May cause allergic respiratory reaction.

Effects of Overexposure - Ingestion: Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Harmful if swallowed.

Effects of Overexposure - Chronic Hazards: Individuals with lung or breathing problems or prior reaction to isocyanantes must not be exposed to vapor or spray mist. Vapor and spray mist harmful. Overexposure may cause lung damage. May cause allergic skin and respiratory reaction, effects may be permanent. Prolonged or repeated skin contact may cause dermatitis.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
101-68-8	4,4'-Diphenylmethane Diisocyanate (MDI)	31600 mg/kg Rat	N.E.	N.E.
25686-28-6	Benzene, 1,1'-Methylenebis[4-Isocyanato-, Homopolymer	>5000 mg/kg Rat	N.E.	N.E.
128-37-0	Butylated Hydroxytoluene	890 mg/kg Rat	>2000 mg/kg Rat	N.E.

N.E. - Not Established

Date Printed: 9/25/2025 Page 5 / 6

12. Ecological Information

Ecological Information: No ecotoxicity data was found for this product.

13. Disposal Considerations

Disposal: Dispose of material in accordance to local, state, and federal regulations and ordinances. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

14. Transport Information

UN Number:	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)
	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class: Packing Group: Limited Quantity:	N.A.	N.A.	N.A.	N.A.
	N.A.	N.A.	N.A.	N.A.
	No	No	No	No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Carcinogenicity, Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>CAS-No.</u>

4,4'-Diphenylmethane Diisocyanate (MDI)

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

101-68-8

No TSCA 12(b) components exist in this product.

Date Printed: 9/25/2025 Page 6 / 6

16. Other Information

HMIS RATINGS

Health: 2* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 1 Instability: 0

Volatile Organic Compounds: 0 g/L

SDS REVISION DATE: 9/24/2025

REASON FOR REVISION: Substance and/or Product Properties Changed in

Section(s):

01 - Identification

09 - Physical & Chemical Properties 11 - Toxicological Information 14 - Transport Information Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Date Printed: 9/25/2025 Page 1 / 5

Safety Data Sheet



1. Identification

Name on Label: POLYUREA 350 PART B

Product Name: POLYUREA 350 B SUMMER 2 GALLON Revision Date: 9/25/2025

Product Identifier: 10145 Supercedes Date: 9/3/2020

Recommended Use: Polyurea Activator

Supplier: Rust-Oleum Corporation Manufacturer: Rust-Oleum Corporation

11 Hawthorn Parkway
Vernon Hills, IL 60061

11 Hawthorn Parkway
Vernon Hills, IL 60061

USA

Preparer: Regulatory Department

Emergency Telephone: 24 Hour Hotline: 847-367-7700

USA

2. Hazard Identification

Classification

Symbol(s) of Product

No symbol is required per 2024 OSHA Hazard Communication Standard 29 CFR 1910.1200.

Signal Word

No Signal Word has been assigned.

Possible Hazards

91% of the mixture consists of ingredient(s) of unknown acute toxicity.

3. Composition / Information on Ingredients

HAZARDOUS SUBSTANCES

Chemical Name	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
Castor Oil	8001-79-4	80-100	Not Available	Not Available
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6	1.0-5.0	GHS02-GHS07	H226-315-319-332-335
Tetrahydroxypropyl Ethylenediamine	102-60-3	1.0-5.0	Not Available	Not Available
Zeolite	1318-02-1	1.0-5.0	Not Available	Not Available
3-(Glycidyloxypropyl)trimethoxysilane	2530-83-8	0.1-1.0	Not Available	Not Available

Actual concentrations of ingredients are withheld as trade secret.

Date Printed: 9/25/2025 Page 2 / 5

4. First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

First Aid - Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Agueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

Unusual Fire and Explosion Hazards: Keep containers tightly closed. No unusual fire or explosion hazards noted.

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

Special Fire and Explosion Hazard (Combustible Dust): Not a combustible dust.

6. Accidental Release Measures

Steps to Be Taken If Material Is Released or Spilled: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

7. Handling and Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

Storage: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Castor Oil	8001-79-4	90.0	N.E.	N.E.	N.E.	N.E.
1-Chloro-4-(Trifluoromethyl)	98-56-6	5.0	2.5 mg/m3	N.E.	2.5 mg/m3	N.E.
Benzene	96-30-0	3.0	2.5 mg/ms	IN.⊑.	2.5 mg/m3	IN.⊑.
Tetrahydroxypropyl	102-60-3	5.0	N.E.	N.E.	N.E.	N.E.
Ethylenediamine	102-00-3	5.0	IN.E.	IN.⊏.	IN.⊑.	N.E.
Zeolite	1318-02-1	5.0	N.E.	N.E.	N.E.	N.E.
3-(Glycidyloxypropyl) trimethoxysilane	2530-83-8	1.0	N.E.	N.E.	N.E.	N.E.

PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's

Skin Protection: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

Date Printed: 9/25/2025 Page 3 / 5

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Physical State	Liquid		Decomposition Temperature, °C	N.D.
Color		Clear	pH	N.A.
Odor		Solvent Like	Kinematic Viscosity	N.D.
Odor Threshold		N.E.	Solubility in Water	Slight
Freezing Point / Melting Po	int, °C	N.D.	Partition Coefficient, n-octanol/water	N.D.
Boiling Range, °C		136 - 537	Vapor Pressure	N.D.
Flammability	Does n	ot Support Combustion	Evaporation Rate	Slower than Ether
Lower Explosion Limit, vol%	, 0	0.9	Specific Gravity	0.968
Upper Explosion Limit, vol%	, 5	10.5	Vapor Density	Heavier than Air
Flash Point, °C		94		
Auto-Ignition Temperature,	°C	N.D.	Particle Characteristics	N.A.

10. Stability and Reactivity

Conditions to Avoid: Avoid excess heat.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions. **Stability:** This product is stable under normal storage conditions.

(See "Other information" Section for abbreviation legend)

11. Toxicological Information

Effects of Overexposure - Eye Contact: Irritating, and may injure eye tissue if not removed promptly.

Effects of Overexposure - Skin Contact: Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects of Overexposure - Inhalation: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

Effects of Overexposure - Ingestion: Substance may be harmful if swallowed.

Effects of Overexposure - Chronic Hazards: No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
98-56-6	1-Chloro-4-(Trifluoromethyl)Benzene	13000 mg/kg Rat	>3300 mg/kg Rabbit	33 mg/L
102-60-3	Tetrahydroxypropyl Ethylenediamine	11200 mg/kg Rat	>2000 mg/kg Rat	25
1318-02-1	Zeolite	>5110 mg/kg Rat	>2000 mg/kg Rabbit	N.E.
2530-83-8	3-(Glycidyloxypropyl)trimethoxysilane	7010 mg/kg Rat	4243 mg/kg Rabbit	N.E.

N.E. - Not Established

12. Ecological Information

Ecological Information: No ecotoxicity data was found for this product.

13. Disposal Considerations

Date Printed: 9/25/2025 Page 4 / 5

Disposal: Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

UN Number:	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)
	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class: Packing Group: Limited Quantity:	N.A.	N.A.	N.A.	N.A.
	N.A.	N.A.	N.A.	N.A.
	No	No	No	No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

Date Printed: 9/25/2025 Page 5 / 5

16. Other Information

HMIS RATINGS

Health: 2* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 1 Instability: 0

Volatile Organic Compounds: 37 g/L SDS REVISION DATE: 9/25/2025

REASON FOR REVISION: Product Composition Changed

Substance Hazard Threshold % Changed
Substance Hazard Threshold % Changed
Substance and/or Product Properties Changed

Substance and/or Product Properties Changed in

Section(s):

01 - Identification

02 - Hazard Identification

03 - Composition / Information on Ingredients

05 - Fire-Fighting Measures09 - Physical & Chemical Properties11 - Toxicological Information14 - Transport Information

Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

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