Safety Data Sheet
SC 100 FC - Base Coat - Part A

Revision Date:
28 July, 2026

Section 1. Identification

Product identifier

Product Identity SC 100 FC - Base Coat - Part A

Other means of identification SC 100 FC-Base Coat-Part A

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

Epoxy primer/base coat for concrete and steel surfaces.

Details of the supplier of the safety data sheet

Company Name

SpecChem
1511 Baltimore Ave; Suite 600
Kansas City, MO 64108

Emergency

24 hour Emergency Telephone No.

VelocityEHS1-(800)255-3924 (North America)
+1-813-248-0585 (International)
1-300-954-583 (Australia)
0-800-591-6042 (Brazil)
400-120-0751 (China)
000-800-100-4086(India)
800-461-1720 (Mexico)

Customer Service:

(816) 968-5600
www.specchem.com

Section 2. Hazard(s) identification

Classification of the substance or mixture under US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Skin corrosion/irritation category 2;H315	Causes skin irritation.
Serious eye damage / eye irritation, category 2A;H319	Causes serious eye irritation.
Skin sensitizer category 1;H317	May cause an allergic skin reaction.
Germ cell mutagenicity, category 2;H341	Suspected of causing genetic defects.
Aquatic toxicity (chronic), category 2;H411	Toxic to aquatic life with long lasting effects.

Label elements



Warning

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H341 Suspected of causing genetic defects.
H411 Toxic to aquatic life with long lasting effects.

[Prevention]

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, eye protection, and face protection.

[Response]

P302+352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313 IF exposed or concerned: Get medical advice or attention.
P333+313 If skin irritation or a rash occurs: Get medical advice or attention.
P337+313 If eye irritation persists: Get medical advice or attention.
P362+364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.

[Storage]

P405 Store locked up.

[Disposal]

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

Other hazards

This product contains no PBT/vPvB/vPvM chemicals.
This product contains no endocrine disrupting chemicals.
Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Limestone **CAS Number: 1317-65-3**	**30 - 60**	**Not Classified**	**-----**
Diglycidyl ether of bisphenol A **CAS Number: 25068-38-6**	**30 - 60**	**Serious eye damage / eye irritation, category 2;H319: C ≥ 5 %** **Skin corrosion/irritation category 2;H315: C ≥ 5 %** **Skin sensitizer category**	**-----**

		1;H317 Aquatic toxicity (chronic), category 2;H411	
Bisphenol F epoxy resin CAS Number: 28064-14-4	**30 - 60**	**Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 2;H319 Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 2;H411**	**-----**
2,3-epoxypropyl o-tolyl ether CAS Number: 2210-79-9	**3 - 7**	**Germ cell mutagenicity, category 2;H341 Skin corrosion/irritation category 2;H315 Skin sensitizer category 1;H317 Aquatic toxicity (chronic), category 2;H411**	**-----**
Titanium dioxide CAS Number: 13463-67-7 Synonyms: C47051, C475001	**0.5 - 1.5**	**Not Classified**	**-----**

The actual concentration or concentration range is withheld as a trade secret.
*PBT/vPvB - PBT, vPvM or vPvB-substance.
The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available. Reproductive or genetic defect hazard. Treat symptomatically. See section 2 for further details.

Eyes Causes serious eye irritation.

Skin May cause an allergic skin reaction. Causes skin irritation.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO_2, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon monoxide, carbon dioxide, aldehydes, and various compounds from incomplete combustion.

Avoid breathing dust, fume, gas, mist, vapors, spray.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

At higher temperature vapors can cause pressure buildup in sealed containers. Use water to cool containers exposed to fire. Self-contained respirator equipment and full protective clothing required when smoke or fumes are generated. Electrical grounding not recommended.

ERG Guide No. 171

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong acids, strong bases. Amines and mercaptains may initiate possible hazardous polymerization.

See section 2 for further details. - [Storage]

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
1317-65-3	Limestone	ACGIH	TWA: 10 mg/m^3 Ceiling: 20 mg/m^3
		OSHA	15 mg/m^3 (total dust), 5 mg/m^3 (respirable fraction)

		NIOSH	TWA 10 mg/m^3 (total) TWA 5 mg/m^3 (resp)
		Alberta	10 mg/m^3 TWA
		British Columbia	10 mg/m^3 TWA (total dust); 3 mg/m^3 TWA (respirable fraction) 20 mg/m^3 STEL (total)
		Manitoba	No Established Limit
		New Brunswick	10 mg/m^3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica)
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	10 mg/m^3 TWA 20 mg/m^3 STEL
		Nunavut	10 mg/m^3 TWA 20 mg/m^3 STEL
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	10 mg/m^3 TWAEV (Limestone, containing no Asbestos and <1% Crystalline silica, total dust)
		Saskatchewan	10 mg/m^3 TWA 20 mg/m^3 STEL
		Yukon	30 mppcf TWA; 10 mg/m^3 TWA 20 mg/m^3 STEL
2210-79-9	2,3-epoxypropyl o-tolyl ether	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
13463-67-7	Titanium dioxide	ACGIH	Nanoscale 0.2 mg/m^3 (R) Respirable fraction - finescale 2.5 mg/m^3 ®
		OSHA	15 mg/m^3 (total dust), 5 mg/m^3 (respirable fraction)
		NIOSH	See Appendix A: NIOSH Potential Occupational Carcinogens
		Alberta	10 mg/m^3 TWA

		British Columbia	10 mg/m^3 TWA (total dust); 3 mg/m^3 TWA (respirable fraction)
		Manitoba	10 mg/m^3 TWA
		New Brunswick	10 mg/m^3 TWA
		Newfoundland and Labrador	10 mg/m^3 TWA
		Nova Scotia	10 mg/m^3 TWA
		Northwest Territories	10 mg/m^3 TWA 20 mg/m^3 STEL
		Nunavut	10 mg/m^3 TWA 20 mg/m^3 STEL
		Ontario	10 mg/m^3 TWA
		Prince Edward Island	10 mg/m^3 TWA
		Quebec	10 mg/m^3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)
		Saskatchewan	10 mg/m^3 TWA 20 mg/m^3 STEL
		Yukon	30 mppcf TWA (as Ti); 10 mg/m^3 TWA (as Ti) 20 mg/m^3 STEL (as Ti)
25068-38-6	Diglycidyl ether of bisphenol A	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
28064-14-4	Bisphenol F epoxy resin	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit

		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Avoid skin contact. Protective gloves recommended.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Color	Gray
Odor	Characteristic
Odor threshold	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	300°F (148.9°C)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	200°F (93°C)
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	No available information
Kinematic viscosity	No available information
Solubility in Water	Not miscible in water.
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	No available information

Relative Density	1.1
Vapor Density	No available information
Evaporation rate (Ether = 1)	No available information
Oxidising properties	No available information
Explosive properties	No available information

Other information

No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous polymerization may occur if product is not handled as per instructions.

Chemical stability

This product requires another product to react at room temperature. Mix and use product in accordance with directions for safety. Excessive heat and fume generation can occur if improperly handled. Not sensitive to mechanical impact.

Possibility of hazardous reactions

No available information

Conditions to avoid

Avoid high temperatures and contact with incompatible material

Incompatible materials

Strong acids, strong bases. Amines and mercaptains may initiate possible hazardous polymerization.

Hazardous decomposition products

Carbon monoxide, carbon dioxide, aldehydes, and various compounds from incomplete combustion.

Section 11. Toxicological information

Acute toxicity

Based on the properties of the epoxy constituents and considering toxicological data on similar preparations this preparation may be an irritant and a skin and respiratory sensitizer. Low molecular weight epoxy constituents are irritating to eyes, mucous membranes and skin. Repeated skin contact may lead to irritation and sensitization, possibly with cross-sensitization to other epoxies. Skin contact with the preparation and exposure to spray mist and vapor should be avoided.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Limestone - (1317-65-3)	No data available.	No data available.	No data available.	No data available.	No data available.
Diglycidyl ether of bisphenol A - (25068-38-6)	> 5,000.00, Rat - Category: NA	20,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Bisphenol F epoxy resin - (28064-14-4)	No data available.	No data available.	No data available.	No data available.	No data available.

2,3-epoxypropyl o-tolyl ether - (2210-79-9)	> 5,000.00, Rabbit - Category: NA	2,201.00, Rabbit - Category: 5	No data available.	No data available.	No data available.
Titanium dioxide - (13463-67-7)	> 25,000.00, Rat - Category: NA	No data available.	No data available.	6.82, Rat - Category: NA	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
1317-65-3	Limestone	IARC	No
		ACGIH	No Established Limit
2210-79-9	2,3-epoxypropyl o-tolyl ether	IARC	No
		ACGIH	No Established Limit
13463-67-7	Titanium dioxide	IARC	Group 2b
		ACGIH	A3
25068-38-6	Diglycidyl ether of bisphenol A	IARC	No
		ACGIH	No Established Limit
28064-14-4	Bisphenol F epoxy resin	IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	2	Suspected of causing genetic defects.
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure (3)	3	{TAGGHSStotSE}
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry:

Inhalation, ingestion, skin contact, and skin absorption.

Symptoms and effects, both acute and delayed:

No specific symptom data available.

Reproductive or genetic defect hazard. Treat symptomatically.

Eyes Causes serious eye irritation.

Skin May cause an allergic skin reaction. Causes skin irritation.

Section 12. Ecological information

Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Limestone - (1317-65-3)	No data available.	No data available.	No data available.
Diglycidyl ether of bisphenol A - (25068-38-6)	3.10, Pimephales promelas	1.40, Daphnia magna	No data available.
Bisphenol F epoxy resin - (28064-14-4)	9.00, Oncorhynchus mykiss	9.00, Daphnia magna	No data available.
2,3-epoxypropyl o-tolyl ether - (2210-79-9)	6.50, Danio rerio	16.00, Daphnia magna	5.10, Pseudokirchnerella subcapitata
Titanium dioxide - (13463-67-7)	294.00, Oryzias latipes	501.00, Daphnia magna	101.00, Pseudokirchneriella subcapitata

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information

Not regulated for packages under 5L (1.3 gallons) or 5.0 kg (11 lbs).



	DOT (Domestic Surface Transportation)	TDG (Domestic Surface Transportation)
UN number	UN3082	UN3082
UN proper shipping name	Environmentally hazardous substances, liquid, n.o.s. (4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)	Environmentally hazardous substance, liquid, n.o.s. (4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)

Transport hazard class(es)	**Class:** 9	**Class:** 9 **Sub Class:** Not Applicable
Packing group	III	III

	IMO / IMDG (Ocean Transportation)	**ICAO/IATA**
UN number	UN3082	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)	Environmentally hazardous substance, liquid, n.o.s. (4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)
Transport hazard class(es)	**Class:** 9 **Sub Class:** Not Applicable	**Class:** 9 **Sub Class:** Not Applicable
Packing group	III	III

Environmental hazards

IMDG Marine Pollutant: Yes; (Diglycidyl ether of bisphenol A)

Special precautions for user

No available information

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) (GHS revision 7) and the SDS contains all of the information required by those regulations.

Toxic Substance Control Act (TSCA)

2,3-epoxypropyl o-tolyl ether (TP)
Diglycidyl ether of bisphenol A (XU)
Bisphenol F epoxy resin (UVCB XU)
Carbon black (UVCB)
Limestone (UVCB)
Titanium dioxide

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Canadian Domestic Substance List (DSL):

2,3-epoxypropyl o-tolyl ether
Diglycidyl ether of bisphenol A
Bisphenol F epoxy resin
Carbon black
Titanium dioxide

Canadian Non-Domestic Substance List (NDSL):

Limestone

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information

Revision Date 28 July, 2026

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H341 Suspected of causing genetic defects.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document

Safety Data Sheet
SC 100 FC - Base Coat - Part B

Revision Date:
4 August, 2026

Section 1. Identification

Product identifier

Product Identity SC 100 FC - Base Coat - Part B

Other means of identification Not Applicable

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

Epoxy primer/base coat for concrete and steel surfaces.

Details of the supplier of the safety data sheet

Company Name

SpecChem
1511 Baltimore Ave; Suite 600
Kansas City, MO 64108

Emergency

24 hour Emergency Telephone No.

VelocityEHS1-(800)255-3924 (North America)
+1-813-248-0585 (International)
1-300-954-583 (Australia)
0-800-591-6042 (Brazil)
400-120-0751 (China)
000-800-100-4086(India)
800-461-1720 (Mexico)

Customer Service:

(816) 968-5600
www.specchem.com

Section 2. Hazard(s) identification

Classification of the substance or mixture under US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Acute toxicity(oral), category 4;H302	Harmful if swallowed.
Acute toxicity(inhalation), category 4;H332	Harmful if inhaled.
Skin corrosion/irritation category 1;H314	Causes severe skin burns and eye damage.
Serious eye damage / eye irritation, category 1;H318	Causes serious eye damage.
Skin sensitizer category 1A;H317	May cause an allergic skin reaction.
Germ cell mutagenicity, category 2;H341	Suspected of causing genetic defects.
Specific target organ toxicity, repeated exposure category 2;H373	May cause damage to organs through prolonged or repeated exposure.

Label elements



Danger

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.
H341 Suspected of causing genetic defects.
H373 May cause damage to organs through prolonged or repeated exposure.

[Prevention]
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust, fume, mist, vapors or spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection, face protection.
[Response]
P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.
P302+312 IF ON SKIN: Call a POISON CENTER or doctor , physician if you feel unwell
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313 IF exposed or concerned: Get medical advice or attention.
P310 Immediately call a POISON CENTER, doctor or physician.
P312 Call a POISON CENTER, doctor or physician if you feel unwell.
P314 Get medical advice or attention if you feel unwell.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P333+313 If skin irritation or a rash occurs: Get medical advice or attention.
P362+364 Take off contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
[Storage]
P405 Store locked up.
[Disposal]
P501 Dispose of contents or container in accordance with local and national regulations.
Other hazards

This product contains no PBT/vPvB/vPvM chemicals.
This product contains no endocrine disrupting chemicals.
Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Benzyl alcohol **CAS Number: 100-51-6**	**30 - 60**	**Acute toxicity(inhalation), category 4;H332** **Acute toxicity(oral), category 4;H302** **Skin sensitizer category 1B;H317** **Serious eye damage / eye irritation, category 2;H319**	**-----**
m-phenylenebis(methylamine) **CAS Number: 1477-55-0**	**10 - 30**	**Acute toxicity(oral), category 4;H302** **Skin corrosion/irritation category 1B;H314** **Skin sensitizer category 1B;H317** **Aquatic toxicity (chronic), category 3;H412** **Serious eye damage / eye irritation, category 1;H318** **Acute toxicity(inhalation), category 4;H332**	**-----**
Isophorone diamine **CAS Number: 2855-13-2**	**10 - 30**	**Acute toxicity(oral), category 4;H302** **Skin corrosion/irritation category 1B;H314** **Serious eye damage / eye irritation, category 1;H318** **Skin sensitizer category 1A;H317 C ≥ 0,001 %**	**-----**
Phenol **CAS Number: 108-95-2**	**7 - 13**	**Germ cell mutagenicity, category 2;H341** **Acute toxicity(inhalation), category 3;H331** **Acute toxicity(dermal), category 3;H311** **Acute toxicity(oral), category 3;H301** **Specific target organ toxicity, repeated exposure category 2;H373** **Skin corrosion/irritation category 1B;H314: C ≥ 3 %** **Skin corrosion/irritation category 2;H315: 1 % ≤ C < 3 %** **Serious eye damage / eye**	**-----**

		irritation, category 2;H319: 1 % ≤ C < 3 %	

The actual concentration or concentration range is withheld as a trade secret.
*PBT/vPvB - PBT, vPvM or vPvB-substance.
The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available. Reproductive or genetic defect hazard. Treat symptomatically. See section 2 for further details.

Inhalation Harmful if inhaled.

Eyes Causes serious eye damage.

Skin May cause an allergic skin reaction. Causes severe skin burns and eye damage.

Ingestion Harmful if swallowed.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO_2, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Do not breathe dust, fume, mist, vapors or spray.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

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Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

See section 2 for further details. - [Storage]

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
100-51-6	Benzyl alcohol	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
108-95-2	Phenol	ACGIH	TWA: 5 ppm

		OSHA	5 ppm, 19 mg/m^3
		NIOSH	TWA 5 ppm (19 mg/m^3) C 15.6 ppm (60 mg/m^3) [15-minute] [skin]
		Alberta	5 ppm TWA; 19 mg/m^3 TWA
		British Columbia	5 ppm TWA
		Manitoba	5 ppm TWA
		New Brunswick	5 ppm TWA; 19 mg/m^3 TWA
		Newfoundland and Labrador	5 ppm TWA
		Nova Scotia	5 ppm TWA
		Northwest Territories	5 ppm TWA 7.5 ppm STEL
		Nunavut	5 ppm TWA 7.5 ppm STEL
		Ontario	5 ppm TWA
		Prince Edward Island	5 ppm TWA
		Quebec	5 ppm TWAEV; 19 mg/m^3 TWAEV
		Saskatchewan	5 ppm TWA 7.5 ppm STEL
		Yukon	5 ppm TWA; 19 mg/m^3 TWA 10 ppm STEL; 38 mg/m^3 STEL
1477-55-0	m-phenylenebis(methylamine)	ACGIH	TWA C 0.018 ppm
		OSHA	No Established Limit
		NIOSH	C 0.1 mg/m^3 [skin]
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
2855-13-2	Isophorone diamine	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit

		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Protective safety glasses recommended
Skin	Avoid skin contact. Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Color	Clear pale straw-yellow
Odor	Alcohol-like or amine-like
Odor threshold	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	230°C (446°F)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	110°C (230°F)
Auto-ignition temperature	No available information
Decomposition temperature	No available information

pH	No available information
Kinematic viscosity	No available information
Solubility in Water	Slightly soluble in water
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	No available information
Relative Density	1.05
Vapor Density	No available information
Evaporation rate (Ether = 1)	No available information
Oxidising properties	No available information
Explosive properties	No available information

Other information

No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No available information

Conditions to avoid

Avoid high temperatures and contact with incompatible material

Incompatible materials

No available information

Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Benzyl alcohol - (100-51-6)	1,200.00, Rat - Category: 4	> 2,000.00, Rabbit - Category: NA	No data available.	4.18, Rat - Category: 4	No data available.
m-phenylenebis(methylamine) - (1477-55-0)	930.00, Rat - Category: 4	> 3,100.00, Rat - Category: NA	No data available.	1.60, Rat - Category: 4	No data available.
Isophorone diamine - (2855-13-2)	1,030.00, Rat -	2,000.00, Rabbit -	No data available.	5.02, Rat - Category: NA	No data available.

	Category: 4	Category: 4			
Phenol - (108-95-2)	282.00, Rat - Category: 3	630.00, Rat - Category: 3	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
100-51-6	Benzyl alcohol	IARC	No
		ACGIH	No Established Limit
108-95-2	Phenol	IARC	Group 3
		ACGIH	A4
1477-55-0	m-phenylenebis(methylamine)	IARC	No
		ACGIH	No Established Limit
2855-13-2	Isophorone diamine	IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	1	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1A	May cause an allergic skin reaction.
Germ cell mutagenicity	2	Suspected of causing genetic defects.
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure (3)	3	{TAGGHSStotSE}
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

Possible routes of entry:

Inhalation, ingestion, skin contact, and skin absorption.

Symptoms and effects, both acute and delayed:

No specific symptom data available.

Reproductive or genetic defect hazard. Treat symptomatically.

Inhalation Harmful if inhaled.

Eyes Causes serious eye damage.

Skin May be harmful in contact with skin. May cause an allergic skin reaction. Causes severe skin burns and eye damage.

Ingestion Harmful if swallowed.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Benzyl alcohol - (100-51-6)	460.00, Pimephales promelas	230.00, Daphnia magna	770.00, Pseudokirchnerella subcapitata
m-phenylenebis(methylamine) - (1477-55-0)	87.60, Oryzias latipes	28.00, Daphnia magna	20.30, raphidocelis subcapitata
Isophorone diamine - (2855-13-2)	110.00, Leuciscus idus	17.40, Daphnia magna	37.00, Scenedesmus subspicatus
Phenol - (108-95-2)	3.73, Oncorhynchus gorbuscha	3.29, Ceriodaphnia dubia	46.42, Pseudokirchneriella subcapitata

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information

Not regulated for packages under 5L (1.3 gallons) or 5.0 kg (11 lbs).



	DOT (Domestic Surface Transportation)	TDG (Domestic Surface Transportation)
UN number	UN2735	UN2735
UN proper shipping name	UN2735, Amines, liquid, corrosive, n.o.s. (Isophoronediamine, 1,3-Benzenedimethamine),8,III	Amines, liquid, corrosive, n.o.s.(Isophoronediamine, 1,3-Benzenedimethamine)
Transport hazard class(es)	**Class:** 8	**Class:** 8 **Sub Class:** 3
Packing group	III	III

	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN2735	UN2735
UN proper shipping name	Amines, liquid, corrosive, n.o.s.(Isophoronediamine, 1,3-Benzenedimethamine)	Amines, liquid, corrosive, n.o.s.(Isophoronediamine, 1,3-Benzenedimethamine)
Transport hazard class(es)	**Class:** 8 **Sub Class:** 3	**Class:** 8 **Sub Class:** 3
Packing group	III	III

Environmental hazards

IMDG Marine Pollutant: No;

Special precautions for user

No available information

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) (GHS revision 7) and the SDS contains all of the information required by those regulations.

Toxic Substance Control Act (TSCA)

Benzyl alcohol
Isophorone diamine
m-phenylenebis(methylamine)
Phenol

EPCRA 302 Extremely Hazardous:

Phenol

EPCRA 313 Toxic Chemicals:

Phenol

Canadian Domestic Substance List (DSL):

Benzyl alcohol
Isophorone diamine
m-phenylenebis(methylamine)
Phenol

Canadian Non-Domestic Substance List (NDSL):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information

Revision Date 4 August, 2026

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H341 Suspected of causing genetic defects.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document