### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025



Page 1 of 15 Print Date 06/04/2025

# SAFETY DATA SHEET

#### SC-1224 G BLUE

Section 1. Identification		
GHS product identifier Chemical name CAS number Other means of identification Product type	: : : :	SC-1224 G BLUE Mixture FO01067994 solid
<u>Relevant identified uses of the subs</u> Product use	stance :	or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	AVIENT CORPORATION 33587 Walker Road, Avon Lake, OH 44012
		1 (440) 930-1000 or 1 (844) 4AVIENT
Emergency telephone number (with hours of operation)	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

# Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

valuat produ	this material is not considered hazardous by the OSHA Hazard unication Standard (29 CFR 1910.1200), this SDS contains le information critical to the safe handling and proper use of the t. This SDS should be retained and available for employees and users of this product.
Classification of the substance or : Not cl mixture	assified.
GHS label elements	
Signal word : No sig	nal word.
Hazard statements : No kn	own significant effects or critical hazards.

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**

Page 2 of 15 Print Date 06/04/2025

#### **Precautionary statements**

	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.
		Not available.

# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	FO01067994

#### **CAS number/other identifiers**

Ingredient name	%	CAS number
Octamethylcyclotetrasiloxane	>= 0.3 - <= 1	556-67-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable
	for breathing. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated
	clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the
	2/15

## SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÄVIENT**"

Page 3 of 15 Print Date 06/04/2025

exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

Potential acute health effects	
Eye contact Inhalation	<ul><li>No known significant effects or critical hazards.</li><li>No known significant effects or critical hazards.</li></ul>
Skin contact Ingestion	<ul><li>No known significant effects or critical hazards.</li><li>No known significant effects or critical hazards.</li></ul>
Over-exposure signs/symptoms	
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.
Indication of immediate medica	al attention and special treatment needed, if necessary
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

#### **Extinguishing media**

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

## SC-1224 G BLUE

Version Nun **Revision Da** 

# **ÀVIENT**

mber 1.5	Page 4 of 15
ate 06/02/2025	Print Date 06/04/2025

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. No action shall be taken involving any personal risk or without suitable training.
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.

# Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel For emergency responders	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containme	ent ar	id cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

#### **Precautions for safe handling**

:	Put on appropriate personal protective equipment (see Section 8).
:	Eating, drinking and smoking should be prohibited in areas where this
	material is handled, stored and processed. Workers should wash hands
	and face before eating, drinking and smoking. Remove contaminated
	clothing and protective equipment before entering eating areas. See
	also Section 8 for additional information on hygiene measures.
	:

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**

Page 5 of 15 Print Date 06/04/2025

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

## Section 8. Exposure controls/personal protection

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#### Control parameters

#### **Occupational exposure limits**

	Exposure limits
	<b>OARS WEEL (2018-05-07)</b> TWA 10 ppm
:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
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## SC-1224 G BLUE

Ver Re

# **ÀVIENT**

ersion Number 1.5	Daga ( of 15
	Page 6 of 15
evision Date 06/02/2025	Print Date 06/04/2025

Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

#### **Appearance**

Physical state Color Odor Odor threshold pH Melting point Boiling point Flash point		solid [solid] BLUE Faint odor. Not available. Not available. Not available. Not available. Not applicable.
-		
Burning time Burning rate Evaporation rate Flammability (solid, gas) Lower and upper explosive	:	Not available. Not available. Not available. Not available. <b>Lower:</b> Not applicable.
(flammable) limits	•	<b>Upper:</b> Not applicable.
Vapor pressure Vapor density	:	Not available. Not applicable.
Relative density Solubility Solubility in water	:	Not available. Not available. insoluble in water.
Partition coefficient: n- octanol/water Auto-ignition temperature	:	Not applicable. Not applicable.

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# AVIENT

Page 7 of 15 Print Date 06/04/2025

:	Not available. Not available. <b>Dynamic:</b> Not available. <b>Kinematic:</b> Not applicable.
:	Not available.
:	Not available. Not available. Not available. Not available. Not available.
	:

# Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Keep away from strong acids. Oxidizer.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11. Toxicological information

#### Information on toxicological effects

Product/ingredient name	Result	Species	Dose	Exposure
Cyclotetrasiloxane, 2,2,4,4,6,6	,8,8-octamethyl-			
	LD50 Oral	Rat	1,540 mg/kg	-
	LC50 Inhalation	Rat	36 Mg/l	4 h
	Vapor			
	LD50 Dermal	Rat	1,770 mg/kg	-

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**

#### Page 8 of 15 Print Date 06/04/2025

Conclusion/Summary

: Mixture.Not fully tested.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl-	Eyes - Mild irritant	Rabbit	-	24 hrs	-
•••••••••••••••••••••••••••••••••••••••	Skin - Mild irritant	Rabbit	-	24 hrs	-
Conclusion/Summary					
Skin	: Mixture.N	ot fully tested			
Eyes		ot fully tested			
Respiratory		ot fully tested			
<u>Sensitization</u>					
Conclusion/Summary					
Skin		lot fully tested			
Respiratory	: Mixture.N	lot fully tested			
<b>Mutagenicity</b>					
Conclusion/Summary	: Mixture.N	lot fully tested			
<u>Carcinogenicity</u>					
Conclusion/Summary	: Mixture.N	lot fully tested			
<u>Reproductive toxicity</u>					
Conclusion/Summary	: Mixture.N	ot fully tested			
Teratogenicity					
Conclusion/Summary	: Mixture.N	ot fully tested			

#### Specific target organ toxicity (repeated exposure) Not available.

**Aspiration hazard** 

Not available.

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**™

Page 9 of 15
Print Date 06/04/2025

Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the physical, cl	hemi	cal and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	-	No specific data.
Ingestion	:	No specific data.
Delayed and immediate effects and a	also (	chronic effects from short and long term exposure
Short term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards. No known significant effects or critical hazards.
Numerical measures of toxicity		

 $\frac{\textbf{Acute toxicity estimates}}{N/A}$ 

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**

Page 10 of 15 Print Date 06/04/2025

Other information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

# Section 12. Ecological information

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#### **Toxicity**

Product/ingredient name	Result	Species	Exposure	
Cyclotetrasiloxane, 2,2,4,4,6,6,8	3,8-octamethyl-			
	Acute LC50 0.204 - 3.483 Mg/l	Fish - Leuciscus idus ssp.	96 h	
	Fresh water	melanotus		
	Chronic NOEC 0.0000044 mg/l	Fish - Oncorhynchus mykiss	93 d	
	Fresh water			
	Chronic NOEC 0.0079 Mg/l	Daphnia - Daphnia magna	21 d	
	Fresh water			
SC-1224 G BLUE				
Remarks - Acute - Aquatic	Chemicals are not readily available as they are bound within the polymer matrix.			
invertebrates.:				
Conclusion/Summary	: Chemicals are not readily available as they are bound within the polymer matrix.			
<u>Persistence and degradability</u> Conclusion/Summary	Chemicals are not readily available as they are bound within the polymer matrix.			
Conclusion/Summary	: Chemicals are not read polymer matrix.	ily available as they are bound w	ithin the	

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-	6.488	13,400.00	high
octamethyl-			

#### Mobility in soil

Soil/water partition coefficient	:	Not available.
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10/15

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# AVIENT

Page 11 of 15 Print Date 06/04/2025

Other adverse effects

No known significant effects or critical hazards.

# Section 13. Disposal considerations

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**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

## Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.

## Section 15. Regulatory information

U.S. Federal regulations	<ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> </ul>
	United States - TSCA 4(1) - Friority fisk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: Not

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**

Page 12 of 15 Print Date 06/04/2025

		listed United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed United States - TSCA 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 6 - Proposed risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(a) - Preliminary assessment report (PAIR): Listed Siloxanes and Silicones, di-Me, Me hydrogen Decamethylcyclopentasiloxane Octamethylcyclotetrasiloxane Dodecamethylcyclohexasiloxane Disiloxane, 1,3-diethenyl-1,1,3,3-tetramethyl-			
		United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Phthalocyanine Blue Benzene, methyl-			
		United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed			
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Listed			
Clean Air Act Section 602 Class I Substances	:	Not listed			
Clean Air Act Section 602 Class II	:	Not listed			
Substances DEA List I Chemicals (Precursor	:	Not listed			
Chemicals) DEA List II Chemicals (Essential	:	Not listed			

#### US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

**Chemicals**)

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025



Page 13 of 15 Print Date 06/04/2025

#### SARA 311/312

Classification

: Not applicable.

#### **Composition/information on ingredients**

No products were found.

Name	%	Classification
Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl-	>= 0.3 - <= 1	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY - oral - Category 4
		ACUTE TOXICITY - dermal - Category 4 EYE IRRITATION - Category 2B TOXIC TO REPRODUCTION - Category 2
		TOXIC TO REPRODUCTION - Category 2

Not applicable.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	None of the components are listed.
New Jersey	:	None of the components are listed.
Pennsylvania	:	None of the components are listed.
<u>California Prop. 65</u>		
This product does not require a Safe Harbor warning under California Prop. 65.		
United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	Not determined.
International regulations		
<u>Inventory list</u>		
Australia	:	Not determined.
Canada	:	Not determined.
China	:	Not determined.
Eurasian Economic Union	:	Russian Federation inventory: Not determined.
Japan	:	Japan inventory (CSCL): Not determined.
-		Japan inventory (ISHL): Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Thailand	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are active or exempted.

13/15

### SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025



Page 14 of 15 Print Date 06/04/2025

Viet Nam

Not determined.

## Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

<b>History</b>		
Date of printing	:	06/04/2025
Date of issue/Date of revision	:	06/02/2025
Date of previous issue	:	08/04/2023
Version	:	1.5
Key to abbreviations	:	ATE = Acute Toxicity Estimate
•		BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of
		Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
		pollution)
		UN = United Nations
References	:	Not available.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.

## SC-1224 G BLUE

Version Number 1.5 Revision Date 06/02/2025

# **ÀVIENT**

Page 15 of 15 Print Date 06/04/2025