FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025



Page 1 of 17 Print Date 04/11/2025

SAFETY DATA SHEET

FORMAL GN ABS

Section 1. Identification		
GHS product identifier Chemical name CAS number Other means of identification Product type	: : : : :	FORMAL GN ABS Mixture Mixture CC10341949 solid
<u>Relevant identified uses of the subs</u> Product use	tance :	or mixture and uses advised against Industrial applications.
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.

OSHA/HCS status	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.
GHS label elements		
Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 2 of 17
Print Date 04/11/2025

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	:	CC10341949

CAS number/other identifiers

Ingredient name	%	CAS number
2-Propenenitrile, polymer with Ethenylbenzene	>= 25 - <= 50	9003-54-7
Titanium dioxide	>= 5 - <= 10	13463-67-7
3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H- pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	>= 5 - <= 10	4702-90-3
Carbon black	>= 0.3 - <= 1	1333-86-4
Styrene	> 0 - <= 0.3	100-42-5

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

FORMAL GN ABS

ÀVIENT

Version Number 1.2	Page 3 of 17
Revision Date 02/20/2025	Print Date 04/11/2025

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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the 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	No known significant effects or critical hazards.No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
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 medical	attention and special treatment needed, if necessary
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 4 of 17 Print Date 04/11/2025

Extinguishing media Suitable extinguishing media : In case of fire, use water spray (fog), foam, dry chemical or CO₂. Unsuitable extinguishing media : None known. Specific hazards arising from the No specific fire or explosion hazard. : chemical Hazardous thermal Decomposition products may include the following materials: : decomposition products carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides Special protective actions for fire-Promptly isolate the scene by removing all persons from the vicinity : fighters of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-Special protective equipment for : contained breathing apparatus (SCBA) with a full face-piece operated fire-fighters in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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 containment and cleaning upSmall 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.	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".
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	Environmental precautions	:	waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil
Large spillplace 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	Methods and materials for containm	ent a	nd cleaning up
courses, basements or confined areas. Vacuum or sweep up material	Small spill	:	place in a designated, labeled waste container. Dispose of via a
	Large spill	:	courses, basements or confined areas. Vacuum or sweep up material

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

AVIENT

Page 5 of 17 Print Date 04/11/2025

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

Protective measures Advice on general occupational hygiene	:	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.
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

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
2-Propenenitrile, polymer with Ethenylbenzene	None.
Titanium dioxide	OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (2022-01-06) TWA 0.2 mg/m3 Form: respirable fraction, nanoscale particles TWA 2.5 mg/m3 Form: respirable fraction, finescale particles
3H-Pyrazol-3-one, 4-[(1,5-dihydro-3- methyl-5-oxo-1-phenyl-4H-pyrazol-4- ylidene)methyl]-2,4-dihydro-5-methyl-2- phenyl-	None.

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025



Page 6 of 17 Print Date 04/11/2025

Carbon black	OSHA PEL 1989 (1989-03-01)
	TWA 3.5 mg/m3
	OSHA PEL (1993-06-30)
	TWA 3.5 mg/m3
	NIOSH REL (1994-06-01)
	TWA 3.5 mg/m3
	NIOSH REL (1994-06-01)
	TWA 0.1 mgPAH/m ³
	ACGIH TLV (2010-12-06)
	TWA 3 mg/m3 Form: Inhalable fraction
Styrene	ACGIH TLV (2020-03-01) Ototoxicant
Styrene	TWA 10 ppm
	STEL 20 ppm
	NIOSH REL (1994-06-01)
	TWA 215 mg/m3 50 ppm
	STEL 425 mg/m3 100 ppm
	OSHA PEL 1989 (1989-03-01)
	TWA 215 mg/m3 50 ppm
	STEL 425 mg/m3 100 ppm
	OSHA PEL Z2 (1993-06-30)
	TWA 100 ppm
	CEIL 200 ppm
	AMP 600 ppm
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker
Tippi opriace engineering controls	exposure to airborne contaminants.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be
Environmental exposure controls	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.
Individual protection measures	
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical
11 Stene measures	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.
Eye/face protection	: Safety eyewear complying with an approved standard should be used
	when a risk assessment indicates this is necessary to avoid exposure to
	6/17

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 7 of 17 Print Date 04/11/2025

		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.
Skin protection		
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	:	solid [Pellets.]
Color	:	TAN
Odor	:	Faint odor.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n-	:	Not available.

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 8 of 17 Print Date 04/11/2025

octanol/water Auto-ignition temperature Decomposition temperature SADT Viscosity	::	Not available. Not available. Not available. Dynamic: Not available. Kinematic: Not available.
Aerosol product		
Heat of combustion	:	Not available.
Ignition distance Enclosed space ignition - Time equivalent	:	Not available. Not available.
Enclosed space ignition - Deflagration density	:	Not available.
Flame height Flame duration	:	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	
2-Propenenitrile, polymer with ethenylbenzene					
	LD50 Oral	Rat	1,800 mg/kg	-	
Titanium oxide (TiO2)					
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h	
	Dusts and mists				
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-	

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

Page 9 of 17 Print Date 04/11/2025

Carbon black				
	LD50 Oral	Rat	15,400 mg/kg	-
Styrene				
	LD50 Oral	Rat	2,650 mg/kg	-
	LC50 Inhalation	Rat	2,770 ppm	4 h
	Gas.			
	LC50 Inhalation	Rat	11.8 Mg/l	4 h
	Vapor			

Conclusion/Summary

Mixture.Not fully tested.

:

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Styrene	Eyes - Mild irritant	Human	-		-
	Skin - Mild irritant	Rabbit	-		-
	Skin - Moderate irritant	Rabbit	-		-
	Eyes - Severe irritant	Rabbit	-		-
	Eyes - Moderate irritant	Rabbit	-	24 hrs	-

Conclusion/Summary	
Skin	: Mixture.Not fully tested.
Eyes	: Mixture.Not fully tested.
Respiratory	: Mixture.Not fully tested.
<u>Sensitization</u>	
Conclusion/Summary	
Skin	: Mixture.Not fully tested.
Respiratory	: Mixture.Not fully tested.
Mutagenicity	
Conclusion/Summary	: Mixture.Not fully tested.
Carcinogenicity	
Conclusion/Summary	: Mixture.Not fully tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
2-Propenenitrile, polymer	-	3	-
with ethenylbenzene			



FORMAL GN ABS

ÀVIENT

Page 10 of 17 Print Date 04/11/2025

Titanium oxide (TiO2)	-	2B	-		
Carbon black	-	2B	-		
Styrene	_	2B	Reasonably anticipated to be a human carcinogen.		
<u>Reproductive toxicity</u> Conclusion/Summary	: N	/ixture.Not	fully tested.		
<u>Teratogenicity</u>					
Conclusion/Summary	: N	Mixture.Not fully tested.			
Specific target organ toxicity Not available.	(single exposu	re)			
Specific target organ toxicity Not available.	(repeated exp	<u>osure)</u>			
Aspiration hazard Not available.					
Information on the likely rou exposure	tes of : N	lot available			
Potential acute health effects					
Eye contact Inhalation					
Skin contact			gnificant effects or critical hazards.		
Ingestion		No known significant effects or critical hazards.			
Symptoms related to the physical sector of the sector of t	sical, chemical	and toxicol	logical characteristics		
Eye contact	: N	lo specific d	ata.		
Inhalation	: N	lo specific d	ata.		
Skin contact		lo specific d			
Ingestion	: N	lo specific d	ata.		
Delayed and immediate effec	ts and also chr	onic effects	from short and long term exposure		
Short term exposure					
Potential immediate effects	: N	lot available			
Potential delayed effects					
Long term exposure					

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 11 of 17 Print Date 04/11/2025

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.		
Numerical measures of toxicity				
<u>Acute toxicity estimates</u> N/A				
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

Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium oxide (TiO2)			
	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fundulus heteroclitus	96 h
	Acute LC50 3 Mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 h
	Acute LC50 6.5 Mg/l Fresh water	Daphnia - Daphnia pulex	48 h
Carbon black			
	Acute EC50 37.563 Mg/l Fresh water	Daphnia - Daphnia magna	48 h
Styrene		•	
	Acute LC50 4.02 Mg/l Fresh water	Fish - Pimephales promelas	96 h
	Acute EC50 0.0047 Mg/l Fresh water	Daphnia - Daphnia magna	48 h

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÄVIENT

Page 12 of 17 Print Date 04/11/2025

FORMAL GN ABS	<u> </u>	11 /1 1 1		
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily availa	ble as they are bound wi	ithin the polymer matrix.	
Conclusion/Summary	: Chemicals are not repolymer matrix.	adily available as they a	re bound within the	
Persistence and degradability				
Conclusion/Summary	: Chemicals are not readily available as they are bound within the polymer matrix.			
Conclusion/Summary	: Chemicals are not repolymer matrix.	eadily available as they a	re bound within the	
Conclusion/Summary <u>Bioaccumulative potential</u>		eadily available as they a	re bound within the	
		eadily available as they a	re bound within the Potential	
Bioaccumulative potential	polymer matrix.			
Bioaccumulative potential Product/ingredient name	polymer matrix. LogPow 0.35	BCF	Potential	

Section 13. Disposal considerations

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
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FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025



Page 13 of 17 Print Date 04/11/2025

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	:	United States - TSCA 12(b) - Chemical export notification: None of the components are listed.
		United States - TSCA 4(a) - Final Test Rules: Not listed
		United States - TSCA 4(a) - ITC Priority list: Not listed
		United States - TSCA 4(a) - Proposed test rules: Not listed
		United States - TSCA 4(f) - Priority risk review: Not listed
		United States - TSCA 5(a)2 - Final significant new use rules: Not 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) - Chemical Data Reporting (CDR): Not
		determined
		United States - TSCA 8(a) - Preliminary assessment report
		(PAIR): Not listed
		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
		13/17

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 14 of 17 Print Date 04/11/2025

pollutants: Listed Phthalocyanine green Acrylonitrile

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)	:	Listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I	:	Not listed
Substances Clean Air Act Section 602 Class II	:	Not listed
Substances DEA List I Chemicals (Precursor		Not listed
Chemicals)	•	
DEA List II Chemicals (Essential Chemicals)	:	Not listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:

Composition/information on ingredients

No products were found.

Name	%	Classification	
2-Propenenitrile, polymer with ethenylbenzene	>= 25 - <= 50	ACUTE TOXICITY - oral - Category 4	
Titanium oxide (TiO2)	>= 5 - <= 10	CARCINOGENICITY - Category 2	
3H-Pyrazol-3-one, 4-[(1,5- dihydro-3-methyl-5-oxo-1- phenyl-4H-pyrazol-4- ylidene)methyl]-2,4- dihydro-5-methyl-2-phenyl-	>= 5 - <= 10	TOXIC TO REPRODUCTION - Category 2	
Carbon black	>= 0.3 - <= 1	CARCINOGENICITY - Category 2	
Styrene	> 0 - <= 0.3	FLAMMABLE LIQUIDS - Category 3	
1/17			

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

ÀVIENT

Page 15 of 17 Print Date 04/11/2025

ACUTE TOXICITY - inhalation - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2
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Form R - Reporting requirements

Product name	CAS number	%
Styrene	100-42-5	> 0 - <= 0.3

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

Not applicable.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	The following components are listed: Styrene
New Jersey	:	The following components are listed: 2-Propenenitrile, polymer with Ethenylbenzene Titanium dioxide Phthalocyanine green Carbon black Styrene
Pennsylvania	:	The following components are listed: Titanium dioxide Phthalocyanine green
		Carbon black
		Styrene

California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Titanium dioxide	-	-
Carbon black	-	-
Styrene	Yes.	-

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025

AVIENT

Page 16 of 17 Print Date 04/11/2025

United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	All components are listed or exempted.
<u>International regulations</u> <u>Inventory list</u>		
Australia	:	
Canada	:	All components are listed or exempted.
China	:	All components are listed or exempted.
Eurasian Economic Union	:	
Japan	:	
		Japan inventory (ISHL): Not determined.
New Zealand	:	All components are listed or exempted.
Philippines	:	All components are listed or exempted.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	All components are listed or exempted.
Thailand	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are active or exempted.
Viet Nam	:	All components are listed or exempted.

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

<u>IIIStol y</u>	
Date of printing	: 04/11/2025
Date of issue/Date of revision	: 02/20/2025, 02/20/2025
Date of previous issue	: 08/05/2021
Version	: 1, 1.2, 2
Key to abbreviations	: ATE = Acute Toxicity Estimate

FORMAL GN ABS

Version Number 1.2 Revision Date 02/20/2025



Page 17 of 17 Print Date 04/11/2025

BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = 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 Not available.

References

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.