#### Stan-Tone<sup>™</sup> VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022



Page 1 of 15 Print Date 05/02/2022

# SAFETY DATA SHEET

Stan-Tone<sup>™</sup> VC-35242 GP

Section 1. Identificat	ion	
GHS product identifier Chemical name CAS number Other means of identification Product type	::	Stan-Tone <sup>™</sup> VC-35242 GP Mixture Mixture FO20034173 solid
<u>Relevant identified uses of the sub</u> Product use	bstance :	or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	AVIENT CORPORATION 1675 Navarre Road SW, Massillon, Ohio USA 44646
		1 330 837 8679
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		

#### 1/15

### Stan-Tone<sup>™</sup> VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022



Page 2 of 15 Print Date 05/02/2022

Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.
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	:	FO20034173

**CAS number/other identifiers** 

Ingredient name	%	CAS number
Titanium dioxide	>= 5 - <= 10	13463-67-7

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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical
	2/15

#### Stan-Tone™ VC-35242 GP

Version Number 1 Revision Date 04

# AVIENT

1.3	Page 3 of 15
4/29/2022	Print Date 05/02/2022

Skin contact Ingestion	:	surveillance for 48 hours. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. 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, ac	ute a	and delayed	
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.	
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.	

#### No action shall be taken involving any personal risk or without **Protection of first-aiders** : 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 $\rm CO_2$ . None known.
Specific hazards arising from the	:	No specific fire or explosion hazard.

### Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022



Page 4 of 15 Print Date 05/02/2022

chemical		
Hazardous thermal	:	May emit Hydrogen Chloride (HCl).
decomposition products		Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
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 Methods and materials for containme	: ent a	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).
Small spill Large 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. 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

#### Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022

# **ÀVIENT**

#### Page 5 of 15 Print Date 05/02/2022

#### 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	
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 (1996-05-18) TWA 10 mg/m3	

Appropriate engineering controls Environmental exposure controls	:	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.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical

### Stan-Tone™ VC-35242 GP



Version Number 1.3	Page 6 of 15
Revision Date 04/29/2022	Print Date 05/02/2022

Eye/face protection	:	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.
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**

Dhysical state		colid [Dollate ]
Physical state	•	solid [Pellets.]
Color	:	YELLOW
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.

### Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022

## AVIENT

Page 7 of 15 Print Date 05/02/2022

Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
-		Kinematic: Not available.
Aerosol product		<b>Kinematic:</b> Not available.
<u>Aerosol product</u> Heat of combustion	:	<b>Kinematic:</b> Not available. Not available.
	:	
Heat of combustion Ignition distance Enclosed space ignition - Time		Not available.
Heat of combustion Ignition distance Enclosed space ignition - Time equivalent	:	Not available. Not available. Not available.
Heat of combustion Ignition distance Enclosed space ignition - Time equivalent Enclosed space ignition -	:	Not available. Not available.
Heat of combustion Ignition distance Enclosed space ignition - Time equivalent	:	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	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Not available.

:

## Section 11. Toxicological information

#### Information on toxicological effects

Acute toxicity

Flame duration

### Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022

# **ÀVIENT**

#### Page 8 of 15 Print Date 05/02/2022

Product/ingredient name	Result	Species		Dose	Exposure
Fitanium oxide (TiO2)					
· · · ·	LC50 Inhalation	Rat - Male		6.82 Mg/l	4 h
	Dusts and mists			C C	
	LD50 Dermal	Rabbit		> 5,000 mg/kg	-
				6.6	
Conclusion/Summary	: Mixture	e.Not fully te	sted.		
Irritation/Corrosion					
Conclusion/Summary					
Skin	: Mixtur	e.Not fully to	ested.		
Eyes		e.Not fully to			
Respiratory	: Mixtur	e.Not fully to	ested.		
<u>Sensitization</u>					
Conclusion/Summary					
Skin	: Mixtur	e.Not fully to	ested.		
Respiratory	: Mixtur	e.Not fully to	ested.		
<u>Mutagenicity</u>					
Conclusion/Summary	: Mixtur	e.Not fully t	ested.		
<u>Carcinogenicity</u>					
Conclusion/Summary	: Mixtur	e.Not fully t	ested.		
<b>Classification</b>					
Product/ingredient name	OSHA IA	RC	NTP		
Titanium oxide (TiO2)	- 2B		-		
<u>Reproductive toxicity</u> Conclusion/Summary	: Mixtur	e.Not fully t	ested.		
Teratogenicity		,			
		NT . 6 11			
Conclusion/Summary	: Mixtur	e.Not fully to	ested.		
Specific target organ toxicity Not available.	(single exposure)				
Specific target organ toxicity	(repeated exposure	)			
Not available.					
		8/15			

## Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022

# **ÀVIENT**<sup>™</sup>

Page 9 of 15
Print Date 05/02/2022

Aspiration hazard Not available.		
Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation Skin contact	:	No known significant effects or critical hazards. 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	:	
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.
Numerical measures of toxicity		
Acute toxicity estimates		

#### Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022 Page 10 of 15 Print Date 05/02/2022

Product/ingredient name	Oral	Dermal	Inhalation (gases)	Inhalation (vapors)	Inhalation (dusts and mists)
Stan-Tone <sup>™</sup> VC-35242 GP	N/A	N/A	N/A	N/A	6.82 Mg/l
Titanium oxide (TiO2)	N/A	N/A	N/A	N/A	6.82 Mg/l

#### 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	Fish - Fundulus heteroclitus	96 h		
	Marine water				
	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		
Stan-Tone <sup>™</sup> VC-35242 GP		·	·		
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily available	e as they are bound within the pol	lymer matrix.		
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 read polymer matrix.	lily available as they are bound w	ithin the		
Conclusion/Summary	: Chemicals are not readily available as they are bound within the polymer matrix.				
<b>Bioaccumulative potential</b>					
	10/15				



### Stan-Tone™ VC-35242 GP

Vers Revi

# 🕷 AVIENT

sion Number 1.3	Page 11 of 15
rision Date 04/29/2022	Print Date 05/02/2022

Not available.

Mobility in soil				
Soil/water partition coefficient (KOC)	:	Not available.		
Other adverse effects	:	No known significant effects or critical hazards.		

## Section 13. Disposal considerations

Disposal methods : The g possil should protect autho produ dispo- requir should when dispo- produ contact
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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

### Stan-Tone™ VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022



Page 12 of 15 Print Date 05/02/2022

U.S. Federal regulat

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 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(a) - Preliminary assessment report (PAIR): Listed Quinacridone (C.I. Pigment Violet 19) Poly(oxy-1,2-ethanediyl), .alpha(4-nonylphenyl)omega hydroxy-,branched United States - TSCA 8(d) - Health and safety studies: 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 Chromium hydroxide (Cr(OH)3) 2-Ethylhexanoic acid zinc salt Phenol Vinyl chloride monomer
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 Substances	:	Not listed
DEA List I Chemicals (Precursor	:	Not listed

#### Stan-Tone<sup>™</sup> VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022



Page 13 of 15 Print Date 05/02/2022

Chemicals) DEA List II Chemicals (Essential : Not listed Chemicals)

#### 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
Titanium oxide (TiO2)	>= 5 - <= 10	CARCINOGENICITY - Category 2

Not applicable.

State regulations		
Massachusetts	: N	one of the components are listed.
New York	: N	one of the components are listed.
New Jersey	l J	he following components are listed: Ethene, chloro-, homopolymer Mica Fitanium dioxide
Pennsylvania		he following components are listed: Mica
	<b>r</b>	Fitanium dioxide

#### California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer, and Diisodecyl phthalate (mixed isomers), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Diisodecyl phthalate (mixed isomers)	-	Yes.
Titanium dioxide	-	-

#### Stan-Tone<sup>™</sup> VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022



Page 14 of 15
Print Date 05/02/2022

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

: 05/02/2022
: 04/29/2022
: 05/25/2016
: 1.3
: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of

#### Stan-Tone<sup>™</sup> VC-35242 GP

Version Number 1.3 Revision Date 04/29/2022

## AVIENT

Page 15 of 15 Print Date 05/02/2022

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.