STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 1 of 18 Print Date 02/23/2022

SAFETY DATA SHEET

STAN-TONE DB- DX9 BK DRYSOL

Section 1. Identificati	on	
GHS product identifier Chemical name CAS number Other means of identification Product type	::	STAN-TONE DB- DX9 BK DRYSOL Mixture Mixture FO20040695 solid
<u>Relevant identified uses of the subs</u> Supplier's details	stance :	e or mixture and uses advised against AVIENT CORPORATION 1675 Navarre Road SW, Massillon, Ohio USA 44646
Emergency telephone number (with hours of operation)	:	1 330 837 8679 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	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	COMBUSTIBLE DUSTS CARCINOGENICITY - Category 1A

GHS label elements

STAN-TONE DB- DX9 BK DRYSOL



Version Number 1.1 Revision Date 02/23/2022 Page 2 of 18 Print Date 02/23/2022

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	May cause cancer. May form combustible dust concentrations in air.
Precautionary statements		
	:	Not applicable.
Prevention	:	Obtain special instructions before use. Wear protective gloves. Wear protective clothing. Wear eye or face protection.
Response	:	IF exposed or concerned: Get medical advice or attention.
Storage	:	Store locked up.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	Keep container tightly closed.
Hazards not otherwise classified	:	None known. Not available.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	FO20040695

CAS number/other identifiers

Ingredient name	%	CAS number
Carbon black	>= 50 - <= 75	1333-86-4
Titanium dioxide	>= 1 - <= 3	13463-67-7
Quartz	> 0 - <= 0.3	14808-60-7

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.

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022 Page 3 of 18

Print Date 02/23/2022

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. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Eye contact: Exposure to airborne concentrations above statutory or recommended
exposure limits may cause irritation of the eyes.Inhalation: Exposure to airborne concentrations above statutory or recommended
exposure limits may cause irritation of the nose, throat and lungs.Skin contact: No known significant effects or critical hazards.Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Potential acute health effects

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STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 4 of 18 Print Date 02/23/2022

Eye contact	:	Adverse symptoms may include the following: irritation redness
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medica	l attentio	n 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. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	Use dry chemical powder. Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
Specific hazards arising from the chemical	:	May form explosible dust-air mixture if dispersed.
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire- exposed containers cool.
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

STAN-TONE DB- DX9 BK DRYSOL



Version Number 1.1 Revision Date 02/23/2022 Page 5 of 18 Print Date 02/23/2022

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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 containment	nt a	nd cleaning up
Small spill	:	Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. 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

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle
		until all safety precautions have been read and understood. Do not get

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 6 of 18 Print Date 02/23/2022

		in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	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 a segregated and approved area. 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. Store in a well-ventilated place. Eliminate all ignition sources. Separate from oxidizing materials. 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	
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)	

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 7 of 18 Print Date 02/23/2022

	TWA 0.1 mgPAH/m ³ ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction
Fitanium 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
Quartz	OSHA PEL 1989 (1989-03-01)TWA 0.1 mg/m3 (Calculated as Quartz) Form: Respirable dustOSHA PEL Z3 (1997-09-03)TWA 250 MPPCF / (%SiO2+5) Form: RespirableTWA 10 MG /M3 / (%SiO2+2) Form: RespirableOSHA PEL Z3 (1997-09-03)TWA 30 MG /M3 / (%SiO2+2) Form: Total dustNIOSH REL (1994-06-01)TWA 0.05 mg/m3 Form: Respirable dustACGIH TLV (2005-12-09)TWA 0.025 mg/m3 Form: Respirable fractionOSHA PEL (2016-06-23)TWA 0.05 mg/m3 Form: Respirable dust

Appropriate engineering controls Environmental exposure controls	:	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. 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 products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to
		7/18

STAN-TONE DB- DX9 BK DRYSOL



Version Number 1.1 Revision Date 02/23/2022 Page 8 of 18 Print Date 02/23/2022

Eye/face protection	remove potentially contaminated clothin, clothing before reusing. Ensure that ever showers are close to the workstation loca Safety eyewear complying with an appro- when a risk assessment indicates this is r liquid splashes, mists, gases or dusts. If c following protection should be worn, un higher degree of protection: safety glasses operating conditions cause high dust con- use dust goggles.	vash stations and safety ttion. wed standard should be used necessary to avoid exposure to contact is possible, the less the assessment indicates a es with side-shields. If
Skin protection		
Hand protection	Chemical-resistant, impervious gloves co standard should be worn at all times whe if a risk assessment indicates this is nece parameters specified by the glove manuf the gloves are still retaining their protect noted that the time to breakthrough for a different for different glove manufacture consisting of several substances, the prot cannot be accurately estimated.	n handling chemical products ssary. Considering the acturer, check during use that ive properties. It should be ny glove material may be rs. In the case of mixtures,
Body protection	Personal protective equipment for the bo on the task being performed and the risk approved by a specialist before handling	s involved and should be
Other skin protection	Appropriate footwear and any additional should be selected based on the task bein involved and should be approved by a sp product.	skin protection measures ag performed and the risks
Respiratory protection	Based on the hazard and potential for exp meets the appropriate standard or certific used according to a respiratory protection fitting, training, and other important aspe	cation. Respirators must be n program to ensure proper

Section 9. Physical and chemical properties

Appearance

Physical state	:	solid [Powder.]
Color	:	BLACK
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 9 of 18 Print Date 02/23/2022

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	:	Not available.
Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
		Kinematic: Not available.
Aerosol product		
Heat of combustion	:	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time	:	Not available.
equivalent		
Enclosed space ignition -	:	Not available.
Deflagration density		
Flame height	:	Not available.
Flame duration	:	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	:	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible materials	:	Reactive or incompatible with the following materials:

STAN-TONE DB- DX9 BK DRYSOL



Version Number 1.1 Revision Date 02/23/2022 Page 10 of 18 Print Date 02/23/2022

Hazardous decomposition	:	Under normal conditions of storage and use, hazardous decomposition
products		products should not be produced.

oxidizing materials

Section 11. Toxicological information

Information on toxicological effects

Carbon black LD50 Oral Rat 15,400 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 - Conclusion/Summary : Mixture.Not fully tested. - - Skin : Mixture.Not fully tested. - - Eyes : Mixture.Not fully tested. - - Sconclusion/Summary : Mixture.Not fully tested. - - Conclusion/Summary : Mixture.Not fully tested. - - Skin : Mixture.Not fully tested. - - - Conclusion/Summary : Mixture.Not fully tested. - - - Skin : Mixture.Not fully tested. - - - - - Conclusion/Summary : Mixture.Not fully tested. - - - - - - - - - - - - - - - - - -	Product/ingredient name	Result	Species	Dose	Exposure
Titanium oxide (TiO2) LC50 Inhalation Dusts and mists Rat - Male 6.82 Mg/l 4 h LD50 Dermal Rabbit > 5,000 mg/kg - Conclusion/Summary : Mixture.Not fully tested. Irritation/Corrosion Conclusion/Summary : Mixture.Not fully tested. Skin : Mixture.Not fully tested. : Eyes : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Skin : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Sensitization : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Skin : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested.	Carbon black				
Titanium oxide (TiO2) LC50 Inhalation Dusts and mists Rat - Male 6.82 Mg/l 4 h LD50 Dermal Rabbit > 5,000 mg/kg - Conclusion/Summary : Mixture.Not fully tested. Irritation/Corrosion Conclusion/Summary : Mixture.Not fully tested. Eyes : Mixture.Not fully tested. . Eyes : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Skin : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Stin : Mixture.Not fully tested. Mutagenicity : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested.		LD50 Oral	Rat	15,400 mg/kg	-
LC50 Inhalation Rat - Male 6.82 Mg/l 4 h Dusts and mists Rabbit > 5,000 mg/kg - Conclusion/Summary : Mixture.Not fully tested. - Conclusion/Summary : Mixture.Not fully tested. - Skin : Mixture.Not fully tested. - Eyes : Mixture.Not fully tested. - Respiratory : Mixture.Not fully tested. - Stin : Mixture.Not fully tested. - Respiratory : Mixture.Not fully tested. - Sensitization - - - Conclusion/Summary : Mixture.Not fully tested. - Respiratory : Mixture.Not fully tested. - Mutagenicity - - - - Conclusion/Summary : Mixture.Not fully tested. - Conclusion/Summary : Mixture.Not fully tested. - Conclusion/Summary : Mixture.Not fully tested. - Conclusion/Summary : Mixture.Not fully tested. <t< td=""><td>Titanium oxide (TiO2)</td><td>•</td><td></td><td></td><td>-</td></t<>	Titanium oxide (TiO2)	•			-
LD50 DermalRabbit> 5,000 mg/kg-Conclusion/Summary:Mixture.Not fully tested.Irritation/CorrosionConclusion/SummarySkin:Mixture.Not fully tested.Eyes:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Skin:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Skin:Mixture.Not fully tested.Respiratory:Mixture.Not fully tested.Mutagenicity:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.Conclusion/Summary:Mixture.Not fully tested.	``````````````````````````````````````	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h
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Irritation/Corrosion Irritation/Corrosion Skin : Skin : Eyes : Respiratory : Mixture.Not fully tested. Respiratory : Sensitization : Conclusion/Summary : Skin : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested.		LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Irritation/Corrosion Irritation/Corrosion Skin : Skin : Eyes : Respiratory : Mixture.Not fully tested. Respiratory : Sensitization : Conclusion/Summary : Skin : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Carcinogenicity : Conclusion/Summary : Mixture.Not fully tested.					
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	Carcinogenicity				
	Conclusion/Summary	. Mivtur	a Not fully tested		
Classification	Conclusion/Summary	i wiixtui	c.not fully tested.		
	Classification				
	CARDINOWION				

Product/ingredient name	OSHA	IARC	NTP
Carbon black	-	2B	-
Titanium oxide (TiO2)	-	2B	-
Quartz	-	1	Known to be a human carcinogen.

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 11 of 18 Print Date 02/23/2022

Reproductive toxicity		
Conclusion/Summary	:	Mixture.Not fully tested.

Teratogenicity

: Mixture.Not fully tested. **Conclusion/Summary**

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Name C	Category	Route of exposure	Target organs	
Quartz Ca	Category 1	-	-	

Aspiration hazard

Not available.

Information on the likely routes of exposure	:	Not available.		
Potential acute health effects				
Eye contact	:	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.		
Inhalation	:	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.		
Skin contact	:	No known significant effects or critical hazards.		
Ingestion	:	No known significant effects or critical hazards.		
Symptoms related to the physical, chemical and toxicological characteristics				
Eye contact	:	Adverse symptoms may include the following: irritation, redness		
Inhalation	:	Adverse symptoms may include the following: respiratory tract		
		irritation, coughing		
Skin contact	:	No specific data.		
Ingestion	:	No specific data.		
Delayed and immediate effects and also chronic effects from short and long term exposure				
Short term exposure				
Potential immediate effects	:	Not available.		
Potential delayed effects	:	Not available.		
11/18				

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 12 of 18 Print Date 02/23/2022

Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity	:	May cause cancer. Risk of cancer depends on duration and level of exposure.
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

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Carbon black			
	Acute EC50 37.563 Mg/l Fresh	Daphnia - Daphnia magna	48 h
	water		
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	48 h
	_	dubia	
	Acute LC50 6.5 Mg/l Fresh	Daphnia - Daphnia pulex	48 h
	water		

individual components which comprise the mixture.

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 13 of 18 Print Date 02/23/2022

Conclusion/Summary	:	Not available.
Persistence and degradability		
Conclusion/Summary	:	Not available.
<u>Bioaccumulative potential</u> 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 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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.

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 14 of 18 Print Date 02/23/2022

International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

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 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) - Chemical risk rules: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - TSCA 8(d) - Health and safety studies: Not listed
		pollutants: Listed Phthalocyanine green Zinc ferrite brown spinel (C.I. Pigment Yellow 119) Phthalocyanine Blue
		United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Not 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

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 15 of 18 Print Date 02/23/2022

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Not listed
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	:	Not listed
Chemicals)		

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

: COMBUSTIBLE DUSTS CARCINOGENICITY - Category 1A

Composition/information on ingredients

Name	%	Classification
Carbon black	>= 50 - <= 75	CARCINOGENICITY - Category 2
Titanium oxide (TiO2)	>= 1 - <= 3	CARCINOGENICITY - Category 2
Quartz	> 0 - <= 0.3	CARCINOGENICITY - inhalation - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

Form R - Reporting requirements

Product name	CAS number	%
Zinc ferrite brown spinel (C.I. Pigment Yellow 119)	68187-51-9	>= 3 - <= 5

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	: None of the components are listed.	
	15/18	

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022



Page 16 of 18 Print Date 02/23/2022

New Jersey	:	The following components are listed: Carbon black Phthalocyanine green Calcium carbonate Zinc ferrite brown spinel (C.I. Pigment Yellow 119) Titanium dioxide
Pennsylvania	:	Quartz The following components are listed: Carbon black
		Phthalocyanine green
		Calcium carbonate
		Zinc ferrite brown spinel (C.I. Pigment Yellow 119)
		Titanium dioxide
		Quartz

California Prop. 65

WARNING: This product can expose you to chemicals including Carbon black, 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
Carbon black	-	-
Titanium dioxide	-	-
Quartz	-	-

United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.
International regulations		
<u>Inventory list</u>		
Australia	:	All components are listed or exempted.
Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.
China	:	All components are listed or exempted.
Europe inventory	:	All components are listed or exempted.
Japan	:	Not determined.
New Zealand	:	All components are listed or exempted.

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022 Page 17 of 18

Print Date 02/23/2022

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Philippines	:	All components are listed or exempted.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	All components are listed or exempted.
Turkey	:	Not determined.
United States	:	All components are active or exempted.

Section 16. Other information

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

Flammability	-
	3
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

Histor		
Date of printing	:	02/23/2022
Date of issue/Date of revision	:	02/23/2022
Date of previous issue	:	03/07/2017
Version	:	1.1
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

STAN-TONE DB- DX9 BK DRYSOL

Version Number 1.1 Revision Date 02/23/2022 Page 18 of 18 Print Date 02/23/2022

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.

