

## Geon™ VBX3650 DK4 PORSCHE BLACK PVC

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# SAFETY DATA SHEET

### Geon<sup>™</sup> VBX3650 DK4 PORSCHE BLACK PVC

Section 1. Identification	on	
GHS product identifier Chemical name CAS number Other means of identification Product type	:	Geon <sup>™</sup> VBX3650 DK4 PORSCHE BLACK PVC Mixture Mixture FO20038440 solid
<u>Relevant identified uses of the subs</u> Product use	tance :	e or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	<b>POLYONE CORPORATION</b> 33587 Walker Road, Avon Lake, OH 44012
		1 (440) 930-1000 or 1 (866) POLYONE
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 for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.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



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Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.
Precautionary statements		
~		
General	:	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.

## Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	FO20038440

CAS number/other identifiers

Ingredient name	%	CAS number
Carbon black	0 - 0.3	1333-86-4

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.



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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. 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	:	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 Specific treatments	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. 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. Firefighting measures**

#### **Extinguishing media**

Suitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $CO_2$ .
Unsuitable extinguishing media	:	None known.



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Specific hazards arising from the chemical Hazardous thermal decomposition products	:	No specific fire or explosion hazard. May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds
Special protective actions for fire- fighters Special protective equipment 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. 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	:	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
For emergency responders	:	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 contain	ment a	nd 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



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#### **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
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
	TWA 0.1 mgPAH/m <sup>3</sup>
	ACGIH TLV (2010-12-06)
	TWA 3 mg/m3 Form: Inhalable fraction
Appropriate engineering controls :	Good general ventilation should be sufficient to control worker
	exposure to airborne contaminants.
Environmental exposure controls :	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.



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### 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 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 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 [Granular solid.]
Color	:	BLACK
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.



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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.
<b>Decomposition temperature</b>	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
-		Kinematic: 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.

## Section 11. Toxicological 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.

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Carbon black				
	LD50 Oral	Rat	15,400 mg/kg	-



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Remarks - Dermal:         No applicable toxicity data           Conclusion/Summary         :         Mixture.Not fully tested.           Irritation/Corrosion         Mixture.Not fully tested.           Conclusion/Summary         :         Mixture.Not fully tested.           Skin         :         Mixture.Not fully tested.           Eyes         :         Mixture.Not fully tested.           Sensitization         Conclusion/Summary         Skin         :         Mixture.Not fully tested.           Scinitization         Conclusion/Summary         :         Mixture.Not fully tested.         Respiratory         :         Mixture.Not fully tested.           Skin         :         Mixture.Not fully tested.         Mixture.Not fully tested.         Mixture.Signal.         Mixture.           Mutagenicity         :         Mixture.Not fully tested.         Mixture.Signal.         Mixture.         Mixture.Not fully tested.           Conclusion/Summary         :         Mixture.Not fully tested.         Mixture.         Mixture.Not fully tested.           Product/ingredient         OSHA         IARC         NTP           name         :         2B         Mixture.Not fully tested.           Conclusion/Summary         :         Mixture.Not fully tested.           Teratogenic	<b>Remarks - Inhalation:</b>	No applicable	toxicity data	
Conclusion/Summary       :       Mixture.Not fully tested.         Irritation/Corrosion       Skin       :       Mixture.Not fully tested.         Skin       :       Mixture.Not fully tested.       Eyes       :         Skin       :       Mixture.Not fully tested.       Eyes       :         Sensitization       :       Mixture.Not fully tested.       :       Sensitization         Conclusion/Summary       :       Mixture.Not fully tested.       :       :         Skin       :       Mixture.Not fully tested.       :       :       :         Mutagenicity       :       Mixture.Not fully tested.       : </th <th></th> <th></th> <th></th> <th></th>				
Irritation/Corrosion         Skin       :         Skin       :         Kespinatory       :         Mixture.Not fully tested.         Respiratory       :         Statization         Conclusion/Summary         Skin       :         Mixture.Not fully tested.         Respiratory       :         Skin       :         Mixture.Not fully tested.         Respiratory       :         Mutagenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Classification         Product/ingredient       OSHA         IARC       NTP         name       :         Carbon black       :         ZB         Reproductive toxicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carbon black       :         ZB         Conclusion/Summary       :         Mixture.Not fully tested.         Specific target organ toxicity (single exposure)         Not availab				tested
Conclusion/Summary         Skin       :       Mixture.Not fully tested.         Eyes       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Sensitization       :       Skin         Conclusion/Summary       :       Mixture.Not fully tested.         Skin       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Conclusion/Summary         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Conclusion/Summary         Conclusion/Summary       :       Mixture.Not fully tested.         Classification       :       Product/ingredient         Product/ingredient       OSHA       IARC       NTP         icarbon black       :       2B       :         Reproductive toxicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Not available.       Specific target organ toxicity (repeated exposure)	Conclusion/Summary	• 111	ixture.rvot runy	tested.
Skin       :       Mixture.Not fully tested.         Eyes       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Sensitization       :       Stin         Conclusion/Summary       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Cassification       :       :         Product/ingredient       OSHA       IARC       NTP         name       :       :       2B       :         Reproductive toxicity       :       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.       :         Specific target organ toxicity (single exposure)       :       Mixture.Not fully tested.         Specific target organ toxicity (repeated exposure)       :<	Irritation/Corrosion			
Skin       :       Mixture.Not fully tested.         Eyes       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Sensitization       .       .         Conclusion/Summary       :       Mixture.Not fully tested.         Respiratory       :       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       OSHA       IARC       NTP         name       .       .       .         Carbon black       .       .       .         ZB       .       .       .         Reproductive toxicity       .       .       .         Conclusion/Summary       :       .       .         Conclusion/Summary       :       .       .         Specific target organ toxicity (single exposure)       .       .         Not available.	<b>Conclusion/Summary</b>			
Respiratory       :       Mixture.Not fully tested.         Sensitization		: M	ixture.Not fully	tested.
Sensitization         Conclusion/Summary         Skin       :         Mixture.Not fully tested.         Respiratory       :         Mutagenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Classification         Product/ingredient       OSHA         IARC       NTP         Carbon black       :         ZB       :         Reproductive toxicity       :         Conclusion/Summary       :         Mixture.Not fully tested.       :         Teratogenicity       :         Conclusion/Summary       :         Mixture.Not fully tested.       :         Specific target organ toxicity (single exposure)       :         Not available.       :         Specific target organ toxicity (repeated exposure)       :	Eyes			
Conclusion/Summary       : Mixture.Not fully tested.         Respiratory       : Mixture.Not fully tested.         Mutagenicity       : Mixture.Not fully tested.         Conclusion/Summary       : Mixture.Not fully tested.         Carcinogenicity       : Mixture.Not fully tested.         Conclusion/Summary       : Mixture.Not fully tested.         Carcinogenicity       : Mixture.Not fully tested.         Cassification       : OSHA         Product/ingredient       OSHA         IARC       NTP         carbon black       : 2B         Reproductive toxicity       : Mixture.Not fully tested.         Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       : Mixture.Not fully tested.         Specific target organ toxicity (repeated exposure)       : Mixture.Not fully tested.	Respiratory	: M	ixture.Not fully	tested.
Skin       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Classification       :       :         Product/ingredient       OSHA       IARC         NTP       :       :         Carbon black       :       2B         Reproductive toxicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       :         Not available.       :       Specific target organ toxicity (repeated exposure)	<b>Sensitization</b>			
Respiratory       : Mixture.Not fully tested.         Mutagenicity         Conclusion/Summary       : Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Classification				
Mutagenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Classification         Product/ingredient       OSHA         IARC       NTP         name       2B         Carbon black       2B         Reproductive toxicity         Conclusion/Summary       :         Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)				
Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Classification       :       IARC       NTP         Product/ingredient       OSHA       IARC       NTP         name       :       2B       :         Carchoo black       :       2B       :         Reproductive toxicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       .         Not available.       :       .         Specific target organ toxicity (repeated exposure)       .	Respiratory	: M	ixture.Not fully	tested.
Carcinogenicity         Conclusion/Summary       :       Mixture.Not fully tested.         Classification         Product/ingredient       OSHA       IARC         NTP         name       2B         Carbon black       2B         Reproductive toxicity         Conclusion/Summary       :         Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Specific target organ toxicity (single exposure)         Not available.         Specific target organ toxicity (repeated exposure)	<b>Mutagenicity</b>			
Conclusion/Summary       : Mixture.Not fully tested.         Classification         Product/ingredient       OSHA         IARC       NTP         name       2B         Carbon black       2B         Reproductive toxicity         Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)	Conclusion/Summary	: M	ixture.Not fully	tested.
Classification       OSHA       IARC       NTP         name       2B       2B         Carbon black       2B       2B         Reproductive toxicity       Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity       Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Not available.         Specific target organ toxicity (repeated exposure)       Not available.	<b>Carcinogenicity</b>			
Product/ingredient       OSHA       IARC       NTP         name       Carbon black       2B       2B         Reproductive toxicity       ZB       Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity       Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Not available.         Specific target organ toxicity (repeated exposure)       Not available.		: M	ixture.Not fully	tested.
Carbon black       2B         Reproductive toxicity         Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)	Product/ingredient	OSHA	IARC	NTP
Reproductive toxicity         Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)			2B	
Conclusion/Summary       : Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)	Carbon black	.I	20	
Teratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)	<u>Reproductive toxicity</u>			
Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.         Specific target organ toxicity (repeated exposure)	Conclusion/Summary	: M	ixture.Not fully	tested.
Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure)	<u>Teratogenicity</u>			
Not available. Specific target organ toxicity (repeated exposure)	Conclusion/Summary	: M	ixture.Not fully	tested.
		y (single exposu	<u>re)</u>	
	Specific target organ toxicity Not available.	y (repeated expo	osure)	
Aspiration hazard Not available.				



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Information on 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,	chemi	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 as	well as	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.
Numerical measures of toxicity		

Acute toxicity estimates



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Not available.

## Section 12. Ecological information

**Toxicity** 

Product/ingredient name	Result		Species	Exposure
Carbon black				
Remarks - Acute - Fish:	No applicat	ble toxicity data		
	Acute EC50 37.563 Mg/l Fresh		Aquatic invertebrates.	48 h
	water		Daphnia	
Remarks - Acute - Aquatic	Acute			
invertebrates.:				
Remarks - Acute - Aquatic	No applicat	ble toxicity data		
plants:				
<b>Remarks - Chronic - Fish:</b>	No application	ble toxicity data		
<b>Remarks - Chronic -</b>	No applicat	ble toxicity data		
Aquatic invertebrates.:				
Geon <sup>™</sup> VBX3650 DK4 PORS0				
Remarks - Acute - Aquatic	Chemicals	are not readily available	as they are bound within the	e polymer matrix.
invertebrates.:				
<b>Conclusion/Summary</b>	:		ily available as they are bou	nd within the
		polymer matrix.		
<b>.</b>				
Persistence and degradability				
Conclusion/Summers		Chamicala and not read	ily available as they are bou	nd within the
Conclusion/Summary	:	polymer matrix.	iny available as they are bou	na wiunn the
		porymer maurx.		
Conclusion/Summary	: Chemicals are not readily available as they are bound within the			
Conclusion/Summary	•	polymer matrix.	ing available as they are both	na within the
		polymer maarn.		
<b>Bioaccumulative potential</b>				
Not available.				
<u>Mobility in soil</u>				
		NT		
Soil/water partition coefficien	nt :	Not available.		
(KOC)		N. I.	- CC	
Other adverse effects	:	No known significant e	effects or critical hazards.	

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## 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. 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	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

## 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> <li>United States - TSCA 5(a)2 - Final cignificant new use rules: Not</li> </ul>
	United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: Not
	listed

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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 pollutants: Listed Vinyl chloride monomer Phenol **Zinc stearate** 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)		
<b>DEA List II Chemicals (Essential</b>	:	Not listed
Chemicals)		

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

not applicable

### SARA 311/312

Classification

Not applicable.

:

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

No products were found.

Name	%	Classification
Carbon black	> 0 - <= 0.3	CARCINOGENICITY - Category 2

<u>SARA 313</u>

**G**4 4

Not applicable.

1 4.

State regulations	
Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: The following components are listed:
	Carbon black
	Ethene, chloro-, homopolymer
Pennsylvania	: The following components are listed:
-	Carbon black

### California Prop. 65

**WARNING:** This product can expose you to Carbon black, which is 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	No.	No.

#### United States inventory (TSCA 8b) : All components are listed or exempted.

Canada inventory

: Not determined.

**International regulations** 

**Inventory** list

Australia	: Not determined.
Canada	: Not determined.
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.
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Turkey United States Not determined.

: 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

1115t01 <u>y</u>		
Date of printing	:	03/01/2019
Date of issue/Date of revision	:	02/28/2019
Date of previous issue	:	03/23/2018
Version	:	1.3
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.



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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.