X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 1 of 16 Print Date 06/21/2025

SAFETY DATA SHEET

X MF-39676-0003-A1-2 Black

Section 1. Identification	n	
GHS product identifier Chemical name CAS number Other means of identification Product type	:	X MF-39676-0003-A1-2 Black Mixture Mixture EM10054904 solid
		or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	AVIENT CORPORATION 33587 Walker Road, Avon Lake, OH 44012
Emergency telephone number (with hours of operation)	:	1 (440) 930-1000 or 1 (844) 4AVIENT CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

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

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

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

ÀVIENT

Page 2 of 16 Print Date 06/21/2025

Precautionary statements

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

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	EM10054904

CAS number/other identifiers

Ingredient name	%	CAS number
Antimony trioxide	>= 5 - <= 10	1309-64-4
Carbon black	>= 1 - <= 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.

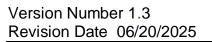
Occupational exposure limits, if available, are listed in Section 8.

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.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

X MF-39676-0003-A1-2 Black



ÀVIENT

	Page 3 of 16
Print Dat	e 06/21/2025

Skin contact Ingestion	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash out mouth with water. 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, a	cute a	nd 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	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.
~		

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

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

ÄVIENT

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

Page 4 of 16 Print Date 06/21/2025

		carbon monoxide 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

:	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".
: nent 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).
:	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.
	: <u>nent a</u> :

Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational	:	Eating, drinking and smoking should be prohibited in areas where this

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

ÀVIENT

Page 5 of 16
Print Date 06/21/2025

hygiene		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
Antimony trioxide	NIOSH REL (1994-06-01) TWA 0.5 mg/m3 OSHA PEL 1989 (1989-03-01) TWA 0.5 mg/m3 (as Sb) OSHA PEL (1993-06-30) TWA 0.5 mg/m3 (as Sb) ACGIH TLV (2021-01-07) TWA 0.02 mg/m3 Form: Inhalable fraction
Carbon black	OSHA PEL 1989 (1989-03-01) TWA 3.5 mg/m3 OSHA PEL (1993-06-30) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 0.1 mgPAH/m ³ ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

ÀVIENT

Page 6 of 16

Print Date 06/21/2025

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.
Individual protection measures		
Hygiene measures Eye/face protection	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	:	solid [Pellets.]
Color	:	BLACK
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.

6/16

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

ÀVIENT

Page 7 of 16 Print Date 06/21/2025

Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not applicable.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not applicable.
(flammable) limits		Upper: Not applicable.
Vapor pressure	:	Not available.
Vapor density	:	Not applicable.
1 0		
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-	:	Not applicable.
octanol/water		
Auto-ignition temperature	:	Not applicable.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
·		Kinematic: Not applicable.
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 Chemical stability	 No specific test data related to reactivity available for this product or its ingredients. Stable under recommended storage and handling conditions (see
	7/16



X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

Page 8 of 16 Print Date 06/21/2025

Possibility of hazardous reactions	:	Section 7). Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid Incompatible materials	:	Keep away from extreme heat and oxidizing agents. Keep away from strong acids.
Incompatible materials	•	Oxidizer.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

:

Information on toxicological effects

Acute toxicity				
Product/ingredient name	Result	Species	Dose	Exposure
Antimony oxide (Sb2O3)				
	LD50 Oral	Rat	34,000 mg/kg	-
Carbon black		·		
	LD50 Oral	Rat	15,400 mg/kg	-

Conclusion/Summary

Mixture.Not fully tested.

Irritation/Corrosion

Result	Species	Score	Exposure	Observation
Eyes - Mild irritant	Rabbit	-		-
: Mixture.N	Not fully tested.			
: Mixture.N	Not fully tested.			
: Mixture.N	Not fully tested.			
: Mixture.N	Not fully tested.			
: Mixture.N	Not fully tested.			
: Mixture.N	lot fully tested.			
: Mixture.N	lot fully tested.			
	Eyes - Mild irritant : Mixture.N : Mixture.N : Mixture.N : Mixture.N : Mixture.N : Mixture.N	Eyes - Mild irritant Rabbit : Mixture.Not fully tested. : Mixture.Not fully tested.	Eyes - Mild irritant Rabbit - : Mixture.Not fully tested. -	Eyes - Mild irritant Rabbit - : Mixture.Not fully tested. : Mixture.Not fully tested.

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 9 of 16 Print Date 06/21/2025

Classification

Antimony oxide (Sb2O3) - 2A Reasonably anticipated to be a human carcinogen. 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) Not available. Specific target organ toxicity (repeated exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Not available. Specific target organ toxicity (repeated exposure) Not available. Not available. Information on the likely routes of : Not available. Potential acute health effects : 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 : Eye contact : No specific data. Inhalation : Inhalation : No specific data. Inhalation : </th <th>Product/ingredient name</th> <th>OSHA</th> <th>IARC</th> <th>NTP</th>	Product/ingredient name	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) Not available. Aspiration hazard Not available. Information on the likely routes of : Not available. exposure Potential acute health effects Eye contact : No known significant effects or critical hazards. Inhalation :: No known significant effects or critical hazards. Inhalation :: No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Insertion : No specific data. Delayed and immediate effects and also chronic effects from short and long term exposure Short term exposure Not available. Potential immediate effects : Not available.	Antimony oxide (Sb2O3)	-	2A	Reasonably anticipated to be a human carcinogen.					
Conclusion/Summary : Mixture.Not fully tested. Teratogenicity i Mixture.Not fully tested. Conclusion/Summary : Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. Not available. Specific target organ toxicity (repeated exposure) Not available. Not available. Aspiration hazard Not available. . Potential acute health effects . Eye contact : Not available. Skin contact : Not known significant effects or critical hazards. Inhalation . Symptoms related to the physical, chemical and toxicological characteristics . . Eye contact : No specific data. Inhalation . Skin contact : No known significant effects or critical hazards. Stin contact : No known significant effects or critical hazards. Skin contact : No specific data. Inhalation : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Skin c	Carbon black	-	2B	-					
Conclusion/Summary : Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Specific target organ toxicity (repeated exposure) Not available. Potential non on the likely routes of : Not available. exposure : Not available. Potential acute health effects : 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, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Inhalation : No specific data. Inhalation : No specific data. Ingestion : No specific data. Eye 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.		: N	/ixture.Not fully t	tested.					
Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Information on the likely routes of : exposure Not available. Potential acute health effects Eye contact : Inhalation : No known significant effects or critical hazards. Skin contact : Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : Inhalation : No specific data. Skin contact : Inhalation : No specific data. Inhalation : No specific data. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Inhalation : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Ingestion : No specific data. Index and immediate effects and also chronic effects from short and long term exposure Short term exposure Potential immediate effects : Not available.	Teratogenicity								
Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Information on the likely routes of : exposure Not available. Potential acute health effects Eye contact : Inhalation : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Inhalation : No specific data. Inhalation : No specific data. Inhalation : 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 immediate effects : Not available.	Conclusion/Summary : Mixture.Not fully tested.								
Not available. Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effects Eye contact : Not known significant effects or critical hazards. Inhalation : Not known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Ingestion : No known significant effects or critical hazards. Swiptoms related to the physical, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : Delayed and inmediate effects and also chronic effects from short and long term exposure Short term exposure Potential immediate effects : Potential delayed effects :		(single exposu	<u>re)</u>						
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 : 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, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Inhalation : No specific data. Skin contact : No specific data. Ingestion : No specific data. Skin contact : No specific data. Ingestion : No specific data. Delaved and immediate effects and also chronic effects from short and long term exposure Short term exposure : Not available. Potential immediate effects : Not available.		repeated exp	<u>osure)</u>						
exposure 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, chemical and toxicological characteristics Eye contact : No specific data. Inhalation : No specific data. Inhalation : No specific data. Inhalation : 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.									
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, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Skin contact:No specific data.Ingestion:No specific data.Skin contact:No specific data.Delayed and immediate effects and also chronic effects from short and long term exposureShort term exposure:Potential immediate effects:Not available.Potential delayed effects:Not available.		es of : N	lot available.						
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, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Ingestion:No specific data.Delayed and immediate effects and also chronic effects from short and long term exposureShort term exposurePotential immediate effects:Not available.	Potential acute health effects								
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, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Ingestion:No specific data.Delayed and immediate effects and also chronic effects from short and long term exposureShort term exposurePotential immediate effects:Not available.	Eve contact	: 1	lo known signific	ant 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, chemical 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 also chronic effects from short and long term exposure Short term exposure Potential immediate effects : Not available.	•								
Ingestion:No known significant effects or critical hazards.Symptoms related to the physical, chemical and toxicological characteristicsEye contact:No specific data.Inhalation:No specific data.Skin contact:No specific data.Ingestion:No specific data.Delayed and immediate effects and also chronic effects from short and long term exposureShort term exposurePotential immediate effects:Not available.									
Eye contact : No specific data. Inhalation : No specific data. 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.	Ingestion								
Inhalation : No specific data. 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.	Symptoms related to the phys	ical, chemical	and toxicologica	l characteristics					
Inhalation : No specific data. 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.	Eve contact	: N	lo specific data.						
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.	•								
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.									
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.			1						
Short term exposure Potential immediate effects : Not available. Potential delayed effects : Not available.			-						
Potential immediate effects:Not available.Potential delayed effects:Not available.	Delayed and immediate effect	s and also chr	onic effects from	short and long term exposure					
Potential delayed effects : Not available.	Short term exposure								
Potential delayed effects : Not available.	Potential immediate effects	: N	lot available.						
		• •	9/16						

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

ÀVIENT

Page 10 of 16
Print Date 06/21/2025

Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General Carcinogenicity Mutagenicity Teratogenicity Developmental effects Fertility effects	:	No known significant effects or critical hazards. No known significant effects or critical hazards.
Numerical measures of toxicity		
<u>Acute toxicity estimates</u> N/A		
Other information	:	This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Antimony oxide (Sb2O3)			
	Acute LC50 > 530 Mg/l Fresh	Fish - Lepomis macrochirus	96 h
	water		
	Acute EC50 560 Mg/l Fresh	Crustaceans - Cypris	48 h
	water	subglobosa	
	Acute EC50 3.01 Mg/l Fresh	Daphnia - Daphnia magna	48 h
	water		
Carbon black			
	Acute EC50 37.563 Mg/l Fresh	Daphnia - Daphnia magna	48 h
	water		
X MF-39676-0003-A1-2 Blac	k	•	·

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025

Page 11 of 16 Print Date 06/21/2025

Remarks - Acute - Aquatic invertebrates.:	hemicals are not readily	available as they are bound within the polymer matrix.
Conclusion/Summary	: Chemicals are polymer matrix	not readily available as they are bound within the
Persistence and degradability		
Conclusion/Summary	: Chemicals are polymer matri	not readily available as they are bound within the x.
Conclusion/Summary	: Chemicals are polymer matri	not readily available as they are bound within the x.
<u>Bioaccumulative potential</u> Not available.		
<u>Mobility in soil</u>		
Soil/water partition coefficier (KOC)	: Not available.	
Other adverse effects	: No known sig	nificant 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. 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



X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 12 of 16 Print Date 06/21/2025

Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
ΙΑΤΑ	:	Consult mode specific transport rules
IMDG	:	Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	:	United States - TSCA 12(b) - Chemical export notification: The following components are listed: Tetrabromobisphenol A - bis-2,3-dibromopropyl ether
		United States - TSCA 4(a) - Final Test Rules: Listed Tetrabromobisphenol A - bis-2,3-dibromopropyl ether
		United States - TSCA 4(a) - ITC Priority list: Not listed
		United States - TSCA 4(a) - Proposed test rules: Not listed
		United States - TSCA 4(f) - Priority risk review: Not listed
		United States - TSCA 5(a)2 - Final significant new use rules: Not listed
		United States - TSCA 5(a)2 - Proposed significant new use rules:
		Not listed
		United States - TSCA 5(e) - Substances consent order: Not listed
		United States - TSCA 6 - Final risk management: Not listed
		United States - TSCA 6 - Proposed risk management: Listed
		Lead
		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 Antimony trioxide
		Zinc stearate
		Arsenic
		Lead
		12/16

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 13 of 16 Print Date 06/21/2025

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		N. d. P. d. d
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

CAS-No.	RQ for component	
7440-38-2	1 lb(s)	
	0.454 kg	
1309-64-4	1,000 lb(s)	
	454 kg	
	7440-38-2	7440-38-2 1 lb(s) 0.454 kg

SARA 311/312

Classification

: Not applicable.

Composition/information on ingredients

No products were found.

Name	%	Classification
Antimony oxide (Sb2O3)	>= 5 - <= 10	EYE IRRITATION - Category 2B CARCINOGENICITY - Category 1B
Carbon black	>= 1 - <= 3	CARCINOGENICITY - Category 2

<u>SARA 313</u>

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 14 of 16 Print Date 06/21/2025

Form R - Reporting requirements

Product name	CAS number	%
Antimony trioxide	1309-64-4	>= 3 - < 7
Lead	7439-92-1	>= 0 - < 0.1

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.

State regulations	
Massachusetts	: The following components are listed: Antimony trioxide Carbon black
New York	: The following components are listed: Antimony trioxide
New Jersey	: The following components are listed: Antimony trioxide Carbon black
Pennsylvania	: The following components are listed: Antimony trioxide

Carbon black

California Prop. 65

WARNING: This product can expose you to chemicals including Antimony trioxide, 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
Antimony trioxide	-	-
Carbon black	-	-

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.
<u>International regulations</u> <u>Inventory list</u>		
Australia	:	Not determined.
		14/16

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 15 of 16 Print Date 06/21/2025

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.
Eurasian Economic Union	: Russian Federation inventory: Not determined.
Japan	: Japan inventory (CSCL): Not determined.
_	Japan inventory (ISHL): Not determined.
New Zealand	All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Thailand	Not determined.
Turkey	Not determined.
United States	: All components are active or exempted.
Viet Nam	: Not determined.

Section 16. Other information

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

Health	/	0
Flammability		0
Physical hazards		0

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

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

Date of printing	:	06/21/2025
Date of issue/Date of revision	:	06/20/2025
Date of previous issue	:	01/24/2025
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)

X MF-39676-0003-A1-2 Black

Version Number 1.3 Revision Date 06/20/2025



Page 16 of 16 Print Date 06/21/2025

References

UN = United Nations Not available.

:

Notice to reader

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