SAFETY DATA SHEET

CORE™ FB587 BLACK

Section 1. Identification

GHS product identifier	:	CORE™ FB587 BLACK
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	FO20031538
Product type	:	liquid

Relevant identified uses of the substance or mixture and uses advised against

Product use	:	Industrial applications. Plastics.
Supplier's details	:	**AVIENT CORPORATION** 33587 Walker Road, Avon Lake, OH 44012 1 (440) 930-1000 or 1 (844) 4AVIENT
Emergency telephone number (with hours of operation)	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

OSHA/HCS status	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1

GHS label elements

Hazard pictograms :

Signal word	:	Danger
Hazard statements	:	May cause an allergic skin reaction. Causes serious eye damage.

Precautionary statements

Prevention	:	Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Contaminated work clothing must not be allowed out of the workplace.
Response	:	IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	:	None known.
Hazards identified when used	:	No known significant effects or critical hazards.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	CORE™ FB587 BLACK
Other means of identification	:	CORE™ FB587 BLACK

Ingredient name	Synonyms	%	Identifiers
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	>= 15 - <= 40	CAS: 68515-48-0
Ethene, chloro-, homopolymer	Ethene, chloro-, homopolymer	>= 10 - <= 30	CAS: 9002-86-2
Limestone	Limestone	>= 10 - <= 30	CAS: 1317-65-3
Calcium oxide	calcium oxide	>= 3 - <= 5	CAS: 1305-78-8
Benzenesulfonic acid, 4,4'-oxybis-, 1,1'-dihydrazide	4,4'-oxydi(benzenesulphonohydrazide)	> 0 - < 1	CAS: 80-51-3
Quartz (SiO2)	crystalline silica, respirable powder	> 0 - < 1	CAS: 14808-60-7
Proprietary Hazardous Compounds	-	> 0 - < 1	-

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 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	:	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
Inhalation	:	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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	:	Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and 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. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. 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. Chemical burns must be treated promptly by a physician. 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

Potential acute health effects

Eye contact	:	Causes serious eye damage.
Inhalation	:	No known significant effects or critical hazards.

Skin contact	:	May cause an allergic skin reaction.
Ingestion	:	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	:	Adverse symptoms may include the following: pain, watering, redness
Inhalation	:	No specific data.
Skin contact	:	Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
Ingestion	:	Adverse symptoms may include the following: stomach pains

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. 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	:	In case of fire, use water spray (fog), foam, dry chemical or CO_2.
Unsuitable extinguishing media	:	None known.
Specific hazards arising from the chemical	:	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials:, carbon dioxide, carbon monoxide, sulfur oxides, halogenated compounds, metal oxide/oxides
Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	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. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	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 and cleaning up

Small spill	:	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard,

use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 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. 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
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	None.
Ethene, chloro-, homopolymer	**ACGIH TLV (2008-01-01). [Polyvinyl chloride] A4.** TWA 8 hours: 1 mg/m3 Form: Respirable fraction
Limestone	**CAL OSHA PEL (2018-05-16). [limestone]** TWA 8 hours: 10 mg/m3 Form: Total dust TWA 8 hours: 5 mg/m3 Form: Respirable fraction **OSHA PEL 1989 (1989-03-01). [Calcium carbonate]** TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust **OSHA PEL 1989 (1989-03-01). [Limestone]** TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust **OSHA PEL 1989 (1989-03-01). [Marble]** TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust

	OSHA PEL (1993-06-30). [Calcium Carbonate] TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust **NIOSH REL (2015-02-13). [calcium carbonate]** TWA 10 hours: 10 mg/m3 Form: Total TWA 10 hours: 5 mg/m3 Form: Respirable fraction
Calcium oxide	**CAL OSHA PEL (2018-05-16). [calcium oxide]** TWA 8 hours: 2 mg/m3 **ACGIH TLV (1994-09-01). [Calcium oxide]** TWA 8 hours: 2 mg/m3 **NIOSH REL (2010-09-01). [CALCIUM OXIDE]** TWA 10 hours: 2 mg/m3 **OSHA PEL 1989 (1989-03-01). [Calcium oxide]** TWA 8 hours: 5 mg/m3 **OSHA PEL (1993-06-30). [Calcium oxide]** TWA 8 hours: 5 mg/m3
Benzenesulfonic acid, 4,4'-oxybis-, 1,1'-dihydrazide	**ACGIH TLV (2000-03-01). [p,p'-Oxybis(benzenesulfonyl hydrazide)]** TWA 8 hours: 0.1 mg/m3 Form: Inhalable fraction
Quartz (SiO2)	**OSHA PEL Z3 (1997-09-03). [Silica, Crystalline Quartz non-respirable]** TWA 8 Hours: 30/ (%SiO_2+2) mg/m^3 Form: Total dust **OSHA PEL Z3 (2016-06-23). [Silica, Crystalline Quartz respirable powder]** TWA 8 Hours: 10/ (%SiO_2+2) mg/m^3 Form: Respirable TWA 8 Hours: 250/ (%SiO_2+5) mppcf Form: Respirable **CAL OSHA PEL (2018-05-16). [silica, crystalline - quartz]** TWA 8 hours: 0.05 mg/m3 **OSHA PEL 1989 (1989-03-01). [Silica, crystalline quartz (as quartz), respirable dust]** TWA 8 hours: 0.1 mg/m3 (Calculated as Quartz) Form: Respirable dust **OSHA PEL (2016-06-23). [Silica, crystalline]** TWA 8 hours: 50 µg/m^3 Form: Respirable dust **NIOSH REL (2010-09-01). [SILICA, CRYSTALLINE (AS RESPIRABLE DUST)] See Appendix A - NIOSH Potential Occupational Carcinogen.** TWA 10 hours: 0.05 mg/m3 Form: Respirable dust **ACGIH TLV (2005-12-09). [Silica, crystalline] A2.** TWA 8 hours: 0.025 mg/m3 Form: Respirable fraction

Proprietary Hazardous Compounds	None.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls : 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.

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 : 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. Contaminated work clothing should not be allowed out of the workplace. 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: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state	:	liquid [liquid]
Color	:	BLACK
Odor	:	Not available.
Odor threshold	:	Not available.
pH	:	Not available.
Melting point/freezing point	:	Not available.
Boiling point or initial boiling point and boiling range	:	Not available.
Flash point	:	Not available.
Evaporation rate	:	Not available.
Flammability	:	Not available.
Lower and upper explosion limit/flammability limit	:	**Lower:** Not available. **Upper:** Not available.
Vapor pressure	:	Not available.
Relative vapor density	:	Not available.
Relative density	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-octanol/water	:	Not applicable.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	**Dynamic :** Not available. **Kinematic :** Not available.

Particle characteristics

Median particle size	:	Not applicable.

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

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	**Rat - Oral - LD50** 10,000 mg/kg
Benzenesulfonic acid, 4,4'-oxybis-, 1,1'-dihydrazide	**Rat - Oral - LD50** 2,300 mg/kg

Conclusion/Summary : Mixture.Not fully tested.

Skin corrosion/irritation

Conclusion/Summary : Mixture.Not fully tested.

Serious eye damage/eye irritation

Product/ingredient name	Result
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	**Rabbit - Eyes - Mild irritant**

Conclusion/Summary : Mixture.Not fully tested.

Respiratory corrosion/irritation

Conclusion/Summary : Mixture.Not fully tested.

Respiratory or skin sensitization

Skin

Conclusion/Summary : Mixture.Not fully tested.

Respiratory

Conclusion/Summary : Mixture.Not fully tested.

Germ cell mutagenicity

Conclusion/Summary : Mixture.Not fully tested.

Carcinogenicity

Conclusion/Summary : Mixture.Not fully tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
Ethene, chloro-, homopolymer	-	3	-
Quartz (SiO2)	+	1	Known to be a human carcinogen.

Reproductive toxicity

Conclusion/Summary : Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
Calcium oxide	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
Quartz (SiO2)	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

Aspiration hazard

Not available.

Information on the likely routes of exposure

Not available.

Potential acute health effects

Eye contact : Causes serious eye damage.
Inhalation : No known significant effects or critical hazards.
Skin contact : May cause an allergic skin reaction.
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: pain, watering, redness
Inhalation : No specific data.
Skin contact : Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
Ingestion : Adverse symptoms may include the following: stomach pains

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.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Conclusion/Summary : Mixture.Not fully tested.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral	Dermal	Inhalation (gases)	Inhalation (vapors)	Inhalation (dusts and mists)
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	10000 mg/kg	N/A	N/A	N/A	N/A
Benzenesulfonic acid, 4,4'-oxybis-, 1,1'-dihydrazide	500 mg/kg	N/A	N/A	N/A	N/A
Proprietary Hazardous Compounds	500 mg/kg	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name	Result
Calcium oxide	**Chronic NOEC Fresh water** Fish - *Oreochromis niloticus* 100 Mg/l [46 d]

Conclusion/Summary : Not available.

Persistence and degradability

Not available.

Conclusion/Summary : Not available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	8.8	3.00	Low
Calcium oxide	-	2.34 [EPA 600/R-94/02]	Low
Benzenesulfonic acid, 4,4'-oxybis-, 1,1'-dihydrazide	-	3.00 [OECD 305 E]	Low

Mobility in soil

Soil/Water partition coefficient : 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.

Section 14. Transport information

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

Section 15. Regulatory information

U.S. Federal regulations

TSCA 5(a)2 - Proposed significant new use rules: phenol, 4-nonyl-, branched;
TSCA 8(a) CDR Exempt/Partial exemption: Not determined

TSCA 8(a) - Preliminary assessment report (PAIR): p,p'-Oxybis(benzenesulfonylhydrazide); Dipropylene glycol methyl ether; Branched 4-nonylphenol (mixed isomers);

TSCA 12(b) - Chemical export notification
Not applicable.

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	:	Listed
Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302/304
PHENOL	> 0 - <= 0.1	Yes.	**SARA 302 TPQ:** 500 lb(s) **SARA 302 TPQ Solid upper limit:** 10,000 lb(s) **SARA 304 RQ:** 1,000 lb(s)

SARA 304 RQ : 4,504,504.5 lbs

SARA 311/312

Classification : SERIOUS EYE DAMAGE - Category 1
SKIN SENSITIZATION - Category 1

Composition/information on ingredients

Name	%	Classification
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	>= 15 - <= 40	EYE IRRITATION - Category 2B
Calcium oxide	>= 3 - <= 5	SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Respiratory tract irritation - Category 3
Benzenesulfonic acid, 4,4'-oxybis-, 1,1'-dihydrazide	> 0 - < 1	COMBUSTIBLE DUSTS ACUTE TOXICITY - oral - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 GERM CELL MUTAGENICITY - Category 2
Quartz (SiO2)	> 0 - < 1	CARCINOGENICITY - inhalation - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
Proprietary Hazardous Compounds	> 0 - < 1	FLAMMABLE LIQUIDS - Category 4 ACUTE TOXICITY - oral - Category 4 SKIN CORROSION - Category 1B SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1A

SARA 313

Form R - Reporting requirements

Product name	CAS number	%
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	68515-48-0	>= 15 - <= 40

Supplier notification

Product name	CAS number	%
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	68515-48-0	>= 15 - <= 40

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:
Limestone
Calcium oxide

New York : None of the components are listed.

New Jersey : The following components are listed:
PVC
CALCIUM CARBONATE
CALCIUM OXIDE
MINERAL OIL (UNTREATED and MILDLY TREATED)
SILICA, QUARTZ
CARBON BLACK

Pennsylvania : The following components are listed:
LIMESTONE
CALCIUM OXIDE

California Prop. 65

⚠ **WARNING:** This product can expose you to chemicals including 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, Quartz, 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
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	Yes.	-
Quartz	-	-
Carbon black	-	-

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Chemical Weapons Convention List Schedule I Chemicals
None of the components are listed.

Chemical Weapons Convention List Schedule II Chemicals
None of the components are listed.

Chemical Weapons Convention List Schedule III Chemicals
None of the components are listed.

Montreal Protocol
None of the components are listed.

Stockholm Convention on Persistent Organic Pollutants

Annex A - Elimination - Production
None of the components are listed.

Annex A - Elimination - Use
None of the components are listed.

Annex B - Restriction - Production
None of the components are listed.

Annex B - Restriction - Use
None of the components are listed.

Annex C - Unintentional - Production
None of the components are listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Rotterdam Convention on Prior Informed Consent (PIC) - Industrial
None of the components are listed.

Rotterdam Convention on Prior Informed Consent (PIC) - Pesticide
None of the components are listed.

Rotterdam Convention on Prior Informed Consent (PIC) -Severely hazardous pesticide
None of the components are listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Heavy metals - Annex 1
None of the components are listed.

POPs - Annex 1 - Production

None of the components are listed.

POPs - Annex 1 - Use
None of the components are listed.

POPs - Annex 2
None of the components are listed.

POPs - Annex 3
None of the components are listed.

Inventory list

Australia	:	Not determined.
Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.
China	:	Not determined.
Eurasian Economic Union	:	**Russian Federation inventory:** Not determined.
Japan	:	**Japan inventory (CSCL)**: Not determined. **Japan inventory (ISHL)**: Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.Not determined.
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.)

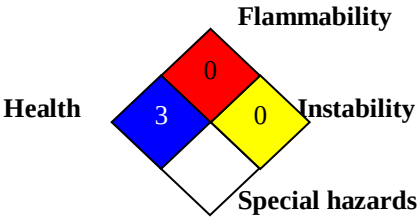
Health	/	3
Flammability		0
Physical hazards		0

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.

National Fire Protection Association (U.S.A.)



Procedure used to derive the classification

Classification	Justification
SERIOUS EYE DAMAGE - Category 1	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method

History

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Key to abbreviations :
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
DOT = Department of Transportation
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
IMO = International Maritime Organization
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)
N/A = Not available
SGG = Segregation Group
TDG = Transportation of Dangerous Goods
UN = United Nations
References : Not available.

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