

M31440 LC VIOLET

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SAFETY DATA SHEET

M31440 LC VIOLET

Section 1. Identification

M31440 LC VIOLET **GHS** product identifier

Chemical name Mixture CAS number Mixture Other means of identification FO20051784

Product type solid

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 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.

Precautionary statements

Prevention Not applicable. Response Not applicable. Storage Not applicable.

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Disposal : Not applicable. **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 : M31440 LC VIOLET **Other means of identification** : M31440 LC VIOLET

Ingredient name	Synonyms	%	Identifiers
Quartz (SiO2)	crystalline silica, respirable powder	> 0 - <= 1	CAS: 14808-60-
C			7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified 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.

: 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. 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

Inhalation

Eye contact : No known significant effects or critical hazards.



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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 CO₂.

: None known.

Specific hazards arising from the chemical

No specific fire or explosion hazard.

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 firefighters : 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



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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. 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

: 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.

Section 7. Handling and storage

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.



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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
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/m³ 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

Biological exposure indices

No exposure indices known.

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.

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



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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

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

Appearance

Physical state : solid [Paste.]

Color : PURPLE

Odor : Faint odor.

Odor threshold : Not available.

pH : Not available.

Melting point/freezing point : Not available.

Boiling point or initial boiling point

boiling point of findai boiling

Not available.

and boiling range

Flash point : Not applicable.



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Evaporation rate : Not available. **Flammability** : Not available.

Lower and upper explosion : **Lower:** Not applicable. **limit/flammability limit** : **Upper:** Not applicable.

Vapor pressure: Not available.Relative vapor density: Not applicable.Relative density: Not available.Solubility in water: insoluble in water.Partition coefficient: n-: Not applicable.

octanol/water

Auto-ignition temperature: Not applicable.Decomposition temperature: Not available.

Viscosity : Dynamic : Not available.

Kinematic: Not applicable.

Particle characteristics

Median particle size : 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.



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Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Conclusion/Summary [Product]

: Mixture.Not fully tested.

Skin corrosion/irritation

Conclusion/Summary[Product]

: Mixture.Not fully tested.

Serious eye damage/eye irritation

Conclusion/Summary [Product]

: Mixture.Not fully tested.

Respiratory corrosion/irritation

Conclusion/Summary [Product]

: Mixture.Not fully tested.

Respiratory or skin sensitization

Skin

Conclusion/Summary [Product]

: Mixture.Not fully tested.

Respiratory

Conclusion/Summary [Product]

: Mixture.Not fully tested.

Germ cell mutagenicity

Conclusion/Summary Product

: Mixture.Not fully tested.

Carcinogenicity

Conclusion/Summary[Product]

: Mixture.Not fully tested.

Classification

	Product/ingredient name	OSHA	IARC	NTP
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Quartz (SiO2)	+	1	Known to be a human carcinogen.
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Reproductive toxicity

Conclusion/Summary[Product] : Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Not available.

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: 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.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.

Long term exposure



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

Potential chronic health effects

Not available.

Conclusion/Summary [Product] : 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.Reproductive toxicity:No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

N/A

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	
M31440 LC VIOLET	Remarks: Chemicals are not readily available as they are bound	
	within the polymer matrix.	

Conclusion/Summary[Product] : Not available.

Persistence and degradability

Not available.

Conclusion/Summary Product : Chemicals are not readily available as they are bound within the

polymer matrix.

Bioaccumulative potential

Not available.

Mobility in soil



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Soil/Water partition coefficient

Mobility

: Not available.

: Chemicals are not readily available as they are bound within the

polymer matrix.

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. 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 : Not regulated for transportation.

Ground/Air/Water

IATA : Not classified as dangerous goods under transport regulations.

IMDG : Not classified as dangerous goods under transport regulations.

Section 15. Regulatory information

U.S. Federal regulations

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

TSCA 12(b) - Chemical export notification



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Not applicable.

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 : Not listed

II Substances

DEA List I Chemicals (Precursor: Not listed

Chemicals)

DEA List II Chemicals (Essential: Not listed

Chemicals)

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302/304
FORMALDEHYDE	> 0 - <= 0.1	Yes.	SARA 304 RQ: 100 lb(s)
			SARA 302 TPQ: 500 lb(s)

PHENOL > 0 - <= 0.1

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