

SAFETY DATA SHEET

QZ4611 QUARTZ YELLOW

Version Number 1.0
 Revision Date 04/22/2026

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Section 1. Identification

GHS product identifier : QZ4611 QUARTZ YELLOW
Chemical name : Mixture
CAS number : Mixture
Other means of identification : FO20050450
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 :

Classification of the substance or mixture :

GHS label elements

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

General :
Prevention :
Response :
Storage :
Disposal :

Hazards not otherwise classified : Not available.

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Section 3. Composition/information on ingredients

Substance/mixture :
 Chemical name : QZ4611 QUARTZ YELLOW
 Other means of identification : QZ4611 QUARTZ YELLOW

Section 4. First aid measures

Description of necessary first aid measures

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Over-exposure signs/symptoms

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician :
 Specific treatments :
 Protection of first-aiders :

See toxicological information (Section 11)

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Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media :
 Unsuitable extinguishing media :

- Specific hazards arising from the chemical :
 Hazardous thermal decomposition products :

- Special protective actions for fire-fighters :
 Special protective equipment for fire-fighters :

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel :
 For emergency responders :

- Environmental precautions :

Methods and materials for containment and cleaning up

- Small spill :
 Large spill :

Section 7. Handling and storage

Precautions for safe handling

- Protective measures :
 Advice on general occupational hygiene :

- Conditions for safe storage, including any incompatibilities :

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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Biological exposure indices

Appropriate engineering controls :
 Environmental exposure controls :

Individual protection measures

Hygiene measures :
 Eye/face protection :
Skin protection
 Hand protection :
 Body protection :
 Other skin protection :
 Respiratory protection :

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 : YELLOW
 Odor : Faint odor.
 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 : **Lower:** Not available.

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limit/flammability limit		Upper: Not available.
Vapor pressure	:	Not available.
Relative vapor density	:	Not available.
Relative density	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Dynamic : Not available. Kinematic : Not available.

Particle characteristics

Median particle size : Not available.

Section 10. Stability and reactivity

Reactivity	:	
Chemical stability	:	
Possibility of hazardous reactions	:	
Conditions to avoid	:	
Incompatible materials	:	
Hazardous decomposition products	:	

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Conclusion/Summary : Mixture. Not fully tested.

Skin corrosion/irritation

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Conclusion/Summary : Mixture.Not fully tested.

Serious eye damage/eye irritation

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.

Reproductive toxicity

Conclusion/Summary : Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Aspiration hazard

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Information on the likely routes of exposure

Not available.

Potential acute health effects

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

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 :
 Carcinogenicity :
 Mutagenicity :
 Reproductive toxicity :

Numerical measures of toxicity

Acute toxicity estimates

Other information

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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
QZ4611 QUARTZ YELLOW	Remarks: Chemicals are not readily available as they are bound within the polymer matrix.

Conclusion/Summary : Not available.

Persistence and degradability

Not available.

Conclusion/Summary : Chemicals are not readily available as they are bound within the polymer matrix.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/Water partition coefficient : Not available.
Mobility : Chemicals are not readily available as they are bound within the polymer matrix.

Other adverse effects

Section 13. Disposal considerations

Section 14. Transport information

U.S.DOT 49CFR : Not regulated for transportation.
Ground/Air/Water

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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 12(b) - Chemical export notification

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

California Prop. 65

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Chemical Weapons Convention List Schedule I Chemicals

Chemical Weapons Convention List Schedule II Chemicals

Chemical Weapons Convention List Schedule III Chemicals

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Montreal Protocol

Stockholm Convention on Persistent Organic Pollutants

Annex A - Elimination - Production

Annex A - Elimination - Use

Annex B - Restriction - Production

Annex B - Restriction - Use

Annex C - Unintentional - Production

Rotterdam Convention on Prior Informed Consent (PIC)

Rotterdam Convention on Prior Informed Consent (PIC) - Industrial

Rotterdam Convention on Prior Informed Consent (PIC) - Pesticide

Rotterdam Convention on Prior Informed Consent (PIC) -Severely hazardous pesticide

UNECE Aarhus Protocol on POPs and Heavy Metals

Heavy metals - Annex 1

POPs - Annex 1 - Production

POPs - Annex 1 - Use

POPs - Annex 2

POPs - Annex 3

Inventory list

Australia	:
Canada	:
China	:
Eurasian Economic Union	:
Japan	:
New Zealand	:
Philippines	:
Republic of Korea	:
Taiwan	:
Thailand	:
Turkey	:
United States	:
Viet Nam	:

Section 16. Other information

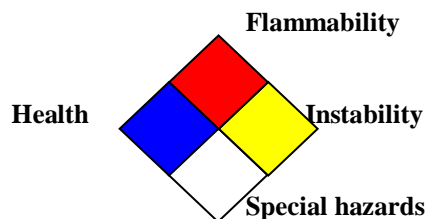
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National Fire Protection Association (U.S.A.)



Procedure used to derive the classification

History

- Date of printing : 04/28/2026
- Date of issue/Date of revision : 04/22/2026
- Date of previous issue : 00/00/0000
- Version : 1.0
- Prepared by : MHATRED
- 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.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named 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.



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