



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: TRUE COMPOSITES Fumed Silica

Relevant identification uses of the substance and uses advised against:

Identified uses: Sealant. Coloured printing inks. Paints and varnishes. Adhesive. Silicone rubber. Cosmetic ingredient. Cosmetics. Agrochemicals. Antiblocking agents. Anticaking agent. Coating agent. Dispersant. Flow-promoting agent. Reinforcing agent. Carrier.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

TRUE COMPOSITES
1877 Northgate Blvd, Suite 1
Sarasota, FL 34234
+1-877-877-4133
support@truecomposites.com

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-(800)-424-9300

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Not classified as hazardous.

Label elements:

Hazard pictogram: No pictogram.

Signal word: No signal word.

Hazard statements: Not applicable.

Precautionary statements: Not applicable.



Section 3: Composition/Information on Ingredients

Substance/Mixture: Substance.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Silicon dioxide	7631-86-9	100%	-	Not classified
	231-545-4			

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.

Section 4: First-Aid Measures

Description of first aid measures:

Inhalation: In case product dust is released: Possible discomfort: cough, sneezing Move victims into fresh air.

Skin contact: Wash off with plenty of water and soap.

Eye contact: Possible discomfort is due to foreign substance effect. Rinse thoroughly with plenty of water keeping eyelid open. In case of persistent discomfort: Consult an ophthalmologist.

Ingestion: Clean mouth with water and drink afterwards plenty of water. After absorbing large amounts of substance or in case of discomfort: Supply with medical care.

Most important symptoms and effects, both acute and delayed:

None known.

Indication of any immediate medical attention and special treatment needed: No hazards which require special first aid measures.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Water spray, foam, CO₂, dry powder. Adapt fire-extinguishing measures to surroundings.

Unsuitable extinguishing media: Do not use full-force water jet in order to avoid dispersal and spread of the fire.

Special hazards arising from the substance or mixture: None known.

Special firefighting procedures: Water used to extinguish fire should not enter drainage systems, soil or stretches of water. Ensure there are sufficient retaining facilities for water used to extinguish fire.



Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.

Environmental precautions: Do not allow entrance in sewage water, soil stretches of water, groundwater, drainage systems.

Methods for containment and cleaning up:

Sweep up or dry-vacuum spillage and collect in suitable container for disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice. If there is the possibility of skin/eye contact, the indicated hand/eye/body protection should be used. If workplace exposure limits are exceeded and/or larger amounts are released (leakage, spilling, dust) the indicated respiratory protection should be used. If necessary: Local ventilation.

Conditions for safe storage, including incompatibilities:

Keep in a dry place. Take precautionary measures against static discharges.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: TWA 10 mg/m³. The value is for total dust containing no asbestos and <1 % crystalline silica.

Appropriate engineering controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Wear respiratory protection if dust is generated.

Hand protection: Use impermeable gloves.

Eye protection: In case dusts are formed, wear close fitting protective goggles.

Skin and body protection: A safety shower and eye wash fountain should be readily available.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Solid.

Color: White.

Odor: Odorless.

Odor threshold: No data available.

pH (concentration): 3.7 - 4.5 (40 g/L) suspension.

Melting point/range (°C): 1,713 °C

Boiling point/range (°C): No data available.

Flash point (°C): Not applicable.



Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower flammability/explosive limits: No data available.
Vapor pressure (20 °C): No data available.
Vapor density: No data available.
Relative density: 2.2 g/cm³
Water solubility (g/L): Insoluble.
n-Octanol/Water partition coefficient: No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: > 2,000 °C
Viscosity, dynamic: No data 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 conditions of storage and use.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Dust generation.
Incompatible materials: None known.
Hazardous decomposition products: None known.

Section 11: Toxicological Information

Information on toxicological effects:
Acute toxicity: LD 50 (Rat): > 3,300 mg/kg
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: No data available.
STOT-single exposure: Not data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: Not applicable.

Section 13: Disposal Considerations

Waste treatment methods: Waste must be disposed of in accordance with federal, state and local regulations.
Contaminated packaging: Recycle where possible.



Section 14: Transport Information

UN number: -

UN proper shipping name: Not regulated as dangerous goods.

Transport hazard class: -

Packing group: -

Environmental hazards: -

Special precautions for user: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Not applicable.

SARA Title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text): None.

H302 Harmful if swallowed.

H303 May be harmful if swallowed.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.