

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

Product Identifier:
Name: Silicon Carbide
Product Number(s): PD1005, PD1006 (plus dash nos. of each)
CAS No: 409-21-2
Index No: None
EC No: 206-991-8
REACH Registration No: 01-2119402892-42-0015
Formula: SiC
Synonyms: E Powder, F Powder

Intended use of the product and uses advised against:

Recommended use: Blasting abrasive

Details of the supplier of the safety data sheet:

Comco Inc.
 2151 N. Lincoln St.
 Burbank, CA 91504
 1-818-841-5500
info@comcoinc.com

Emergency telephone number:

1-818-841-5500

SECTION 2: Hazard(s) Identification

Classification of the substance or mixture**Regulation (EC) No. 1272/2008 (CLP)**

Hazard category	Hazard statement
None	None

Label elements

Hazard pictograms: None
Signal word: None
Hazard statements: None
Precautionary statements: None
Other hazards: Not Available

SECTION 3: Composition/Information on Ingredients

Substance/Mixture: Substance

Name:	CAS#	EC#	%W/W	REACH #	GHS Classification
Silicon Carbide	409-21-2	206-991-8	> 98	01-2119402892-42-0015	None
Impurities (C, Si, Metal Oxides)	N.A.	N.A.	< 2	N.A.	None
Impurities (Crystalline silica)	14808-60-7	N.A.	< 0.01	N.A.	None

SECTION 4: First-Aid Measures

Description of first aid measures

General information: None
After inhalation: Remove to fresh air. If symptoms persist, seek medical attention.
After skin contact: Remove contaminated clothing from area and wash affected skin thoroughly with water. If irritation persists or rash develops, seek medical attention.
After eye contact: Immediately flush eyes with water. Seek medical attention if irritation persists.
After swallowing: Do not induce vomiting. If large quantities are swallowed, call physician immediately.
Most important symptoms and effects, both acute and delayed
Acute: Irritation and redness of eyes. Coughing and shortness of breath.
Delayed: Skin, eye, or respiratory tract irritation.
Indication of any immediate medical attention and special treatment
 Treat symptomatically.

SECTION 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Extinguisher suitable for ordinary combustible materials. Class A extinguishing agents.

Unsuitable extinguishing media: None known.

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

Advice for firefighters

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Extinguish preferably with dry chemical, foam, or water spray.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear suitable protective clothing. Avoid dust generation.
For emergency responders: Wear suitable protective clothing. Avoid dust generation.
Environmental precautions: Ventilation recommended.



Methods and material for containment and cleaning up

Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

Reference to other sections:

See also sections 7 for information on safe handling, section 8 for information on personal protection equipment, and section 13 for disposal information.

Additional information: None**SECTION 7: Handling and Storage****Precautions for safe handling****Protective measures:**

Avoid accumulation of dust. Use only in well-ventilated areas.

Hygiene measures:

Do not eat drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective gear before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed. Segregate from incompatible materials.

Specific end uses:

Not Available

SECTION 8: Exposure Controls/Personal Protection**Control parameters****Occupational exposure limits**

Substance	CAS #	Exposure Limit	Note:
Silicon Carbide	409-21-2	10 mg/m ³ LTEL	OSHA
		3 mg/m ³ (respirable) TLV	OSHA

DNEL/PNEC-values:

Not Available

Exposure controls**Appropriate engineering controls:**

Adequate dust ventilation required.

Personal protective equipment**Hand protection:**

Gloves if desired

Eye protection:

Goggles if desired.

Body protection:

Clean clothing to cover skin.

Respiratory protection:

Approved NIOSH dust mask if recommended exposure levels are exceeded.

Environmental exposure controls:

None

SECTION 9: Physical and Chemical Properties**Information on basic physical and chemical properties**

Appearance:	Granular powder
Color:	Black or dark color
Odor:	Odorless
Odor threshold:	None
pH:	Not Applicable
Melting point/range:	2730 °C (4950 °F)
Boiling point/range:	Not Available
Flash point:	Incombustible
Evaporation rate:	Not Applicable
Flammability (solid, gas):	Not Available
Upper/lower flammability/explosive limits:	Not Available
Auto-ignition temperature:	Not Available
Decomposition temperature:	Not Available
Vapor pressure:	Not Applicable
Vapor density:	Not Applicable
Relative density:	3.2 g/cm ³
Solubility:	Insoluble
Viscosity, dynamic (20 °C):	Not Available
Viscosity, kinematic:	Not Available
Explosive properties:	Not Available
Oxidizing properties:	Not Available
Partition coefficient: n-Octanol/Water:	Not Applicable

Physical hazards:

Not Available

Other information:

No additional information

SECTION 10: Stability and Reactivity**Reactivity:**

Slight

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None under normal use conditions.

Conditions to avoid:

Dust generation without adequate ventilation.

Incompatible materials: Strong oxidizers.
Hazardous decomposition products: None

SECTION 11: Toxicological Information

Information on toxicological effects: “Non-fibrous forms of SiC, sometimes referred to as “angular” particles, are irregular in shape and occur as respirable and non-respirable particles. The non-fibrous forms of SiC have very low toxicity in humans and experimental animals. The TLV-TWA for non-fibrous forms, is therefore, set at the level of “poorly” soluble particles, not otherwise specified (PNOS), being 10 mg/m³ for inhalable particles, and 3mg/m³ for respirable particles.” (ACGIH Toxicology review 2001).

Ecotoxicity effects: None
Skin corrosion/irritation: May cause mechanical skin irritation. Not corrosive.
Serious eye damage/irritation: May cause mechanical eye irritation.
Respiratory or skin sensitization: No data
Germ cell mutagenicity: No data
Carcinogenicity: No harmful effects identified based on the available data.
Reproductive toxicity: No data
Specific target organ toxicity (single exposure): No data
Specific target organ toxicity (repeated exposure): No data
Aspiration hazard: No data
Other information: None

SECTION 12: Ecological Information

Toxicity
Ecotoxicity effects: None known
Persistence and degradability: No data
Bioaccumulative potential: The product has low potential for bioaccumulation
Mobility in soil: No data
Results of PBT & PvB assessment: No data
Other adverse effects: No known significant effects or critical hazards

SECTION 13: Disposal Considerations**Waste treatment methods**

Recommendations: If product becomes contaminated, follow disposal instructions for contaminant. Dispose of in accordance to federal, state, and local regulations. Do not allow product to reach sewage system. Recycle packaging if possible.

Additional information: None

SECTION 14: Transport Information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI/IATA-DGR)
UN number	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	None	None	None	None
Transport hazard class(es)	None	None	None	None
Hazard label(s)	None	None	None	None
Packing group	None	None	None	None
Environmental hazards	None	None	None	None

Special precautions for user: None

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

US Federal regulations

- TSCA Chemical Inventory Status: All components of this product are listed.
- CERCLA Reportable Quantity: None.
- SARA Title III:
 - Section 302 Extremely Hazardous Substances: None.
 - Section 304 Emergency Release Reporting: None.
 - Section 313 Toxic Categories: None.
- Clean Air Act of 1990 – Title VI: This material does not contain, nor was it manufactured using ozone depleting chemicals.

US State regulations

- California Proposition 65: This product may contain the following substance(s) known to the state of California to cause cancer and/or reproductive harm: Silicon Dioxide (silica, crystalline).
- Illinois Toxic Substances Disclosure to Employees List: Listed.
- Massachusetts Right to Know List: listed.
- Minnesota Hazardous Substance List: Listed.
- New Jersey Right to Know List: Not listed.
- Pennsylvania Right to Know List: Listed.

Canadian Regulations:**New Zealand Inventory of Chemicals (NZIoC):****Australia Inventory (AICS):****EU Regulations (EINECS 206-991-8)**

Indication of Danger: Not dangerous.

Risk Phrases: None

Safety Phrases: None

This product is considered non-dangerous in accordance with 1999/45/EC.

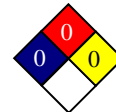
Chemical Safety Assessment:

No

WHMIS Classification: Not a controlled product.

This material is listed or exempted.

This material is listed or exempted.

SECTION 16: Other Information**Date of preparation:** 04/27/2020**Revision version:** G**Reason for Revision:** Updates to sections 1, 2, 6, 8, 11 & 16**NFPA hazard rating:****Health hazard:** 0 – Not considered hazardous.**Fire hazard:** 0 – Will not burn under typical fire conditions.**Reactivity:** 0 – Normally stable, even under fire conditions, and is not reactive with water.**Disclaimer:** To the best of our knowledge, the information contained in this SDS is accurate or believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein.