

## SECTION 1: Identification

**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:** None  
**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](mailto: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

**Directive 67/548/EEC or Directive 1999/45/EC**

Hazard characteristics	R-Phrases
None	None

*For full text of R-phrases, see section 16.*

**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	N.A.	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, 8, and 13.**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	15 mg/m <sup>3</sup> LTEL	OSHA
		10 mg/m <sup>3</sup> TLV	ACGIH
Crystalline Silica	14464-46-1	0.1 mg/m <sup>3</sup> (respirable) LTEL	OSHA
		0.025 mg/m <sup>3</sup> (respirable) LTEL	ACGIH

**Biological limit values**

Substance	CAS #	Biological Limit Value	Note:
Crystalline silica	14464-46-1	0.025 mg/m <sup>3</sup>	ACGIH

**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**

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

<b>Explosive properties:</b>	Not Available
<b>Oxidizing properties:</b>	Not Available
<b>Partition coefficient: n-Octanol/Water:</b>	Not Applicable
<b>Physical hazards:</b>	Not Available
<b>Other information:</b>	No additional information

**SECTION 10: Stability and Reactivity**

<b>Reactivity:</b>	Slight
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None under normal use conditions.
<b>Conditions to avoid:</b>	Dust generation without adequate ventilation.
<b>Incompatible materials:</b>	Strong oxidizers.
<b>Hazardous decomposition products:</b>	None

**SECTION 11: Toxicological Information****Information on toxicological effects**

<b>Acute toxicity:</b>	None
<b>Skin corrosion/irritation:</b>	May cause mechanical skin irritation. Not corrosive.
<b>Serious eye damage/irritation:</b>	May cause mechanical eye irritation.
<b>Respiratory or skin sensitization:</b>	No data
<b>Germ cell mutagenicity:</b>	No data
<b>Carcinogenicity:</b>	Crystalline silica is a suspect or confirmed carcinogen under ACGIH, NTP, IARC and/or the state of California (respirable particles)
<b>Reproductive toxicity:</b>	No data
<b>Specific target organ toxicity (single exposure):</b>	No data
<b>Specific target organ toxicity (repeated exposure):</b>	No data
<b>Aspiration hazard:</b>	No data
<b>Other information:</b>	None

**SECTION 12: Ecological Information****Toxicity**

<b>Acute toxicity:</b>	None known
<b>Persistence and degradability:</b>	No data
<b>Bioaccumulative potential:</b>	The product has low potential for bioaccumulation
<b>Mobility in soil:</b>	No data
<b>Results of PBT &amp; PvB assessment:</b>	No data
<b>Other adverse effects:</b>	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**

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

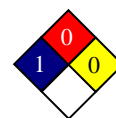
**Chemical Safety Assessment:**

No

WHMIS Classification: Not a controlled product.

This material is listed or exempted.

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**SECTION 16: Other Information****Date of preparation:** 05/28/2015**Revision version:** F**Relevant R-phrases (number and full text):** None**NFPA hazard rating:****Health hazard:** 1 – Exposure could cause irritation but only minor residual injury even if no treatment is given.**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.