

MATERIAL SAFETY DATA SHEET

Version 1

Selon la directive CE 1907/2006

Modification 07/05/2010

1. NAME AND PRODUCT

Trade name, common name	Beta silicon carbide.
Description :	β - silicon carbide extrudates, grains, powders and open cell foams.
Use	Catalyst support.
Manufacturer name and identification	SICAT Sarl 17, Square Edouard VII 75009 PARIS Phone : +33 (0) 1 53 43 51 01 e-mail: info@sicatcatalyst.com
Emergency telephone number	+33 (0) 1 53 43 51 01

2. HAZARDS IDENTIFICATION

Inhalation:	Dust may cause mechanical irritation.
Eye:	Dust may cause mechanical irritation.
Skin contact and absorption:	Dust may cause mechanical irritation.
Ingestion:	May cause irritation of the digestive tract.
Environment:	None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name:	Silicon carbide
Formula:	β SiC
CAS#:	409-21-2
EINECS# :	206-991-8

4. FIRST AID MEASURE

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Get medical aid.

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Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

5. FIRE FIGHTING MEASURES

Substance is non combustible.

6. ACCIDENTAL RELEASE MEASURES

Use proper personal protective equipment as indicated in Section 8.

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

7. HANDLING AND STORAGE

Handling: Use only in a well-ventilated area. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage: Store in a dry area.

8. EXPOSURES CONTROL / PERSONAL PROTECTION

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure limits: United States OSHA: 15 mg/m³ TWA (total dust); 4 mg/m³ TWA (respirable fraction).

France - VME: 10 mg/m³ VME.

Personal protective equipment: wear a respiratory mask P2, gloves and safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid.

Color : Colorless to black.

Odor : Not reported.

Boiling point : Not applicable.

Freezing Melting point : > 2000°C

Solubility: Insoluble in water, solvents and acids.

Flash point: Not applicable.

Autoignition temperature: Not applicable.

pH : Not available.

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Density: 3.2.
Apparent density: From 0,15 to 1,1 g/cm³.

10. STABILITY AND REACTIVITY

Chemical stability: Stable.
Conditions to avoid: Dust generation.
Incompatibilities with other materials: Not available.
Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

RTECS#: CAS# 409-21-2: VW0450000
LD50/LC50: RTECS: Not available.
Carcinogenicity: SILICON CARBIDE - ACGIH: A2 - Suspected Human Carcinogen (fibrous, including whiskers).
Other: See actual entry in RTECS for complete information.

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

Products considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local authority or advice. Empty containers must be decontaminated before returning for recycling.

WASTE#: 31444.

14. TRANSPORT INFORMATION

Not regulated as a hazardous material.

15. REGULATORY INFORMATION

Labeling : None.
Others : None.

16. OTHER INFORMATIONS

Revision #3 date 07/05/2008

➤ Les renseignements que contient cette fiche de sécurité sont basés sur l'état de nos connaissances relatives au produit concerné. Ils sont donnés de bonne foi.



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- Ils ne dispensent en aucun cas l'utilisateur de connaître et d'appliquer l'ensemble des textes réglementant son activité. Son attention est attirée sur la possible existence d'autres dispositions internationales, nationales ou locales complétant ces prescriptions.
- L'attention des utilisateurs est en outre attirée sur les risques éventuellement encourus lorsqu'un produit est utilisé à d'autres usages que ceux pour lesquels il est conçu.
- Cette énumération ne doit pas être considérée comme exhaustive.