



Section 1 - Chemical Product and Company Identification

Product Name Celite 545, size 20-40 micrometer
Product Code 82523
CAS No 91053-39-3
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
91053-39-3	Celite 545		293-303-4

Section 3 - Hazards Identification

Special Indication Of Hazards To Humans And The Environment

Harmful: Danger of serious damage to health by prolonged exposure through inhalation.

Section 4 - First Aid Measures

Eyes: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

Section 5 - Fire Fighting Measures

Extinguishing Media

Suitable: Noncombustible. Use extinguishing media appropriate to surrounding fire conditions.

Specific Hazard(s): Emits toxic fumes under fire conditions.

Special Protective

Equipment For Firefighters: Wear self-contained breathing apparatus and protective Clothing to prevent contact with skin and eyes.

Section 6 - Accidental Release Measures



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Personal Precaution Procedures

To Be Followed In Case Of

Leak Or Spill: Evacuate area.

Procedure(S) Of Personal

Precaution(S): Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Methods For Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material

pickup is complete.

Section 7 - Handling and Storage

Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Room temperature. Keep tightly closed.

Section 8 - Exposure Control / Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

General Hygiene Measures: Wash thoroughly after handling.

Exposure Limits:	Country	Source Type	Value
	USA	OSHA. PEL	0.05 mg/m ³
	USA	OSHA. PEL	0.1 mg/m ³
Exposure Limits -	Germany	Source Type	Value
		TRGS 900OEL	0.3 mg/m ³ , A
Exposure Limits -	Switzerland	Source Type	Value
		OELOEL	0.3 mg/m ³

Personal Protective Equipment

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Hand Protection: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Section 10 - Stability and Reactivity



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Stability: Stable

Materials to Avoid: Strong acids, Hydrogen fluoride.

Hazardous Decomposition

Products: Silicon oxides.

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

Acute toxicity: No data available

Irritation and corrosion: No data available

Sensitisation: No data available

Chronic exposure: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs And Symptoms

Of Exposure: No data available

Route Of Exposure

Inhalation: No data available

Skin : No data available

Eyes: No data available

Ingestion: No data available

Section 12 - Ecological Information

No data available

Section 13 - Disposal Considerations

Substance Disposal: Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not Regulated for Transport (Non-Haz)		

Hazard Class:

UN Number:

Packing Group:

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Section



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Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.