

SPZ-C1

Coated micronized calcium carbonate

DOCUMENT NO.

SPZ-C1-SDS-001

REVISION

01

ISSUE DATE

17-Aug-2026

1. Identification

Item	Information
Product name	SPZ-C1
Product type	Coated micronized calcium carbonate
Coating material	Stearic acid
Manufacturer	Sepid Poudre Zagros
Recommended use	Plastics, masterbatch, PVC, rubber and polymer applications

2. Composition / Information on Ingredients

Ingredient	Concentration
Calcium carbonate (CaCO_3)	Balance / principal component
Stearic acid	0.9 % w/w
Typical raw-material minor components	MgCO_3 1.5 %; Fe_2O_3 0.2 %; HCl insoluble 0.15 %

3. Physical and Chemical Properties

Property	Value
Appearance	Fine white powder
D98	7.65 μm

4. Handling and Storage

Avoid unnecessary dust generation. Use appropriate industrial ventilation and suitable personal protective equipment where airborne dust may occur. Keep containers closed and store in a dry area.

5. Accidental Release Measures

Avoid generating airborne dust. Collect spilled material using methods that minimize dust generation and place it in a suitable container for reuse or disposal.

6. Fire-Fighting Measures

Use extinguishing media appropriate for the surrounding fire. The mineral base is not expected to be readily combustible under normal conditions.

7. Regulatory Note

Final GHS classification, transport classification and regulatory statements should be confirmed against the applicable jurisdiction and current raw-material SDS documents before regulatory release.