MantaGranule™ 511

Roofing Granules

SECTION 1. IDENTIFICATION

Product name: MantaGranule™ 511 Roofing Granules (product code SDS-511-EN; colors: White / varies)

Recommended use: Granules for coating roofing shingles, walk paths and roofing membranes; professional use. Uses advised against: None identified.

Supplier / distributor: Manta Roofing Products, LLC — California: 1835 Wright Ave, La Verne, CA 91750; Florida: 1001 SE 21st St, Fort Lauderdale, FL 33316. Phone +1 844 506 2682. mantaroof.com

Emergency telephone: CHEMTREC 24-hour emergency: 1-800-424-9300

SECTION 2. HAZARD(S) IDENTIFICATION

Classified as hazardous under OSHA Hazard Communication Standard 29 CFR 1910.1200. MantaGranule™ 511 is a finished roofing granule bought from the granule manufacturer; its classification, composition and physical data are taken from that safety data.

HAZARD CLASS	CATEGORY
Carcinogenicity	Category 1A
Specific target organ toxicity, repeated exposure	Category 1

Pictograms:

GHS08
Health hazard

Signal word: Danger

Hazard statements: H350 May cause cancer. H372 Causes damage to organs (respiratory system) through prolonged or repeated exposure.

Precautionary statements: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P314 Get medical advice/attention if you feel unwell. P405 Store locked up. P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. Available to health professionals per 29 CFR 1910.1200(i): +1 844 506 2682.

INGREDIENT	CAS NO.	WEIGHT %
Crystalline silica (quartz)	14808-60-7	25 – 35
Titanium dioxide	13463-67-7	0.1 – 1.0
Distillates (petroleum), hydrotreated light paraffinic	64741-96-4	< 0.2

SECTION 4. FIRST-AID MEASURES

Inhalation: Take the person outdoors or to fresh air. Call a doctor when breathing is difficult or symptoms continue.

Skin: Wash the skin with soap and water and take off soiled clothing. See a doctor if irritation or a rash appears.

Eyes: Flush the eyes with clean water for 15 minutes or more, keeping the lids apart. Take out contact lenses if this is easy. See a doctor if irritation continues.

Ingestion: Rinse out the mouth with water. See a doctor if any symptoms develop.

Symptoms: Prolonged or repeated inhalation of dust may damage the lungs; no adverse effects are expected from skin contact (source SDS). Note to physician: treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Specific hazards: The source SDS names no unusual fire or explosion hazard. Firefighters: self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal and environmental precautions: Keep unnecessary people away and upwind of the spill. Wear the protective equipment in Section 8 and ensure adequate ventilation. Keep out of drains, water courses and soil.

Clean-up: Avoid raising dust. Sweep or vacuum up the spill and collect it in a suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

Handling: Obtain special instructions before use. Do not breathe dust; provide exhaust ventilation where dust forms. Avoid prolonged exposure.

Storage: Store locked up, in the original tightly closed container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT	OSHA PEL	ACGIH TLV
Crystalline silica (quartz) (14808-60-7)	TWA 0.05 mg/m³ respirable (action level 0.025 mg/m³)	TWA 0.025 mg/m³ respirable
Titanium dioxide (13463-67-7)	15 mg/m³ (total dust)	TWA 2.5 mg/m³ respirable fraction (finescale particles)

Engineering controls: General ventilation is normally adequate outdoors. Use local exhaust in enclosed areas.

Eye and skin protection: Safety glasses with side shields where contact is likely; protective gloves.

Respiratory protection: Use a NIOSH-approved respirator where dust may exceed the exposure limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	VALUE
Physical state	Solid (granules)
Color	White / varies
Odor	Slight oily
pH; Initial boiling point; Evaporation rate, vapor pressure, vapor density	Not applicable (solid)
Flash point	Not applicable (source SDS)
Density	Specific gravity 2.55–2.70 (source SDS)
Solubility in water	Insoluble
Autoignition / decomposition temperature	Not determined
Explosive limits	Not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity and stability: Stable; does not react in normal use, storage or transport.

Incompatible materials: None known (source SDS).

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Inhalation of dust; skin and eye contact.

Classification: Carcinogenicity, Category 1A (H350); Specific target organ toxicity, repeated exposure, Category 1 (H372). MantaGranule™ 511 is a finished roofing granule bought from the granule manufacturer; its classification, composition and physical data are taken from that safety data.

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Carcinogen listings (ingredients): Classified as carcinogens on their supplier SDSs or in published data: Crystalline silica (quartz) (14808-60-7), Titanium dioxide (13463-67-7).

SECTION 12. ECOLOGICAL INFORMATION

Not classified as environmentally hazardous (source SDS). Large or frequent spills can still harm the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of contents and container under local, regional, national and international regulations. Empty containers go to a licensed waste site to be recycled or disposed of.

SECTION 14. TRANSPORT INFORMATION

DOT (US ground): Not regulated as dangerous goods by DOT, IATA or IMDG (source SDS).

IMDG / IATA: Not regulated (source SDS).

SECTION 15. REGULATORY INFORMATION

OSHA: Hazardous under 29 CFR 1910.1200. SARA 311/312 hazard categories: Carcinogenicity, Specific target organ toxicity.

California Proposition 65: WARNING: This product can expose you to chemicals including crystalline silica (airborne particles of respirable size) and titanium dioxide (airborne, unbound particles of respirable size), which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Basis: MantaGranule™ 511 is a finished roofing granule bought from the granule manufacturer; its classification, composition and physical data are taken from that safety data.

Revision date: 2026-10-26. Prepared by Manta Roofing Products, LLC.

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