

# SAFETY DATA SHEET

**DATE OF ISSUE:** 01/10/2025

**VERSION:** 1

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## Section 1. Identification

**PRODUCT NAME:** Smart Cure™

**PRODUCT TYPE:** All colour variants of this line.

**RECOMMENDED USE AND RESTRICTIONS**

**USE OF THE SUBSTANCE/ MIXTURE:** Electrostatic sprayed powder coating

**USES ADVISED AGAINST:** Not applicable

**SUPPLIER'S DETAILS:** Climate Coating Ltd  
9 Doncaster Street  
Mangere  
AUCKLAND

**EMERGENCY TELEPHONE NUMBER:** 027 343 7193  
027 286 1085

**HOURS OF OPERATION:** 8am - 4pm

**E-MAIL ADDRESS OF PERSON RESPONSIBLE FOR THIS SDS:** [graemed@climatesurfaces.co.nz](mailto:graemed@climatesurfaces.co.nz)

## Section 2. Hazards Identification

Based on available information, this material is not classified as hazardous according to the criteria of EPA New Zealand

### Section 3. Composition/Information on Ingredients

**SUBSTANCE/MIXTURE:** Mixture  
**PRODUCT CODE:** SmartCure™

**CAS NUMBER/OTHER IDENTIFIERS**  
**PRODUCT CODE:** SmartCure™

<b>HAZARDOUS INGREDIENTS</b>	<b>%</b>	<b>CAS NUMBER</b>
Ingredients determined to be non-hazardous or below reporting limits	100%	
<p>There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment or have an OEL and hence require reporting in this section.</p> <p>Occupational exposure limits, if available, are listed in Section 8.</p>		

### Section 4. First Aid Measures

**DESCRIPTION OF NECESSARY FIRST AID MEASURES**

**EYE CONTACT:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

**INHALATION:** Move person into fresh air. Keep person warm and at rest. Remove any contaminated clothing. Seek medical advice if effects continue.

**SKIN CONTACT:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

**INGESTION:** If swallowed, rinse mouth with water, give a glass of water to drink, if vomiting occurs give more water and seek medical advice. Do NOT induce vomiting.

**PROTECTION OF FIRST-AIDERS:** No action shall be taken involving any personal risk or without suitable training.  
 First aider must wear appropriate PPE, safety shoes, overalls, gloves, safety glasses and dust mask.  
 Wash contaminated clothing thoroughly with water before removing it, or wear gloves.  
**See toxicological information (Section 11)**

## Section 5. Firefighting Measures

### EXTINGUISHING MEDIA

#### **SUITABLE:**

Use dry chemical powder or fine water spray.

#### **NOT SUITABLE:**

Do not use water jet.

#### **SPECIFIC HAZARDS ARISING**

May form explosible dust-air mixture if dispersed

#### **SPECIAL PRECAUTIONS FOR FIREFIGHTERS:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Use water spray to keep fire-exposed containers cool.

No action shall be taken involving any personal risk or without suitable training.

Move containers from fire area if this can be done without risk.

#### **SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental Release Measures

### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

#### **SMALL SPILL:**

Wear PPE, overalls, gloves, safety glasses or goggles.

Avoid inhalation of dust or vapours

Move containers from spill area.

Wipe up with clean rags or paper towels.

Seal in a proper labelled waste container and dispose of via a licensed waste disposal contractor.

#### **LARGE SPILL:**

Move containers from spill area.

Approach the release from upwind.

Prevent entry into sewers, water courses, basements or confined areas.

Vacuum or sweep up material and place in a designated, labelled waste container.

Avoid creating dusty conditions and prevent wind dispersal.

Dispose of via a licensed waste disposal contractor.

#### **Note:**

**See Section 1** for emergency contact information and **Section 13** for waste disposal.

Avoid dust generation.

Do not dry sweep.

Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labelled waste container.

## Section 7. Handling and Storage

### PRECAUTIONS FOR SAFE HANDLING:

Put on appropriate personal protective equipment (**see Section 8**).  
Avoid eye and repeated skin contact.  
Avoid inhalation of dust.  
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.  
Workers should wash hands and face before eating, drinking and smoking.  
Remove contaminated clothing and protective equipment before entering eating areas.

### CONDITIONS FOR SAFE STORAGE [INCLUDING ANY INCOMPATIBILITIES]:

Do not store below the following temperature: 5°C (41°F).  
Store in accordance with local regulations.  
Store in a segregated and approved area.  
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (**see Section 10**) and food and drink.  
Eliminate all ignition sources.  
Separate from oxidising materials.  
Keep container tightly closed and sealed until ready for use.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.  
Do not store in unlabelled containers.  
Use appropriate containment to avoid environmental contamination.  
**See Section 10** for incompatible materials before handling or use.

## Section 8. Exposure Controls/Personal Protection

### CONTROL PARAMETERS

#### **APPROPRIATE ENGINEERING CONTROLS:**

Use only with adequate ventilation.  
If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.  
The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits.  
Use explosion-proof ventilation equipment.

#### **BIOLOGICAL EXPOSURE CONTROLS:**

The ingredients in this material do not have limits allocated.

### INDIVIDUAL PROTECTION MEASURES

#### **HYGIENE MEASURES:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.  
Appropriate techniques should be used to remove potentially contaminated clothing.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash contaminated clothing before reusing.  
Ensure that eyewash stations and safety showers are close to the workstation location.

#### **RESPIRATORY PROTECTION:**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.  
Reference should be made to appropriate monitoring standards.  
Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **HAND PROTECTION:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **GLOVES:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **EYE PROTECTION:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **SKIN PROTECTION:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 9. Physical and Chemical Properties

### APPEARANCE:

#### PHYSICAL STATE:

Solid Powder

#### COLOUR:

Various

#### ODOUR:

Not available.

#### ODOUR THRESHOLD:

Not available.

#### pH:

Not applicable.

#### MELTING POINT:

Not applicable.

#### BOILING POINT:

Not applicable.

#### FLASH POINT:

Not applicable.

#### FLAMMABILITY (SOLID, GAS):

Not available.

#### LOWER AND UPPER EXPLOSIVE (FLAMMABLE) LIMITS:

Not available.

#### VAPOUR PRESSURE:

Not available

#### SOLUBILITY:

Insoluble in the following materials: cold water

#### PARTITION COEFFICIENT: NOCTANOL/WATER:

Not available.

#### AUTO-IGNITION TEMPERATURE:

Not available.

#### DECOMPOSITION TEMPERATURE:

Kinematic (40°C (104°F))

#### VISCOSITY:

Not available.

## Section 10. Stability and Reactivity

<b>STABILITY:</b>	Stable under recommended storage and handling conditions <b>(see Section 7)</b> .
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>CONDITIONS TO AVOID:</b>	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding. Prevent dust accumulation.
<b>INCOMPATIBLE MATERIALS:</b>	Reactive or incompatible with the following materials: <ul style="list-style-type: none"><li>- oxidising materials</li><li>- strong acids</li><li>- strong alkalis</li></ul>
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Depending on conditions, decomposition products may include the following materials: <ul style="list-style-type: none"><li>- carbon oxides</li><li>- nitrogen oxides</li><li>- sulphur oxides</li><li>- metal oxide/oxides</li></ul>
<b>HAZARDOUS POLYMERISATION:</b>	Under normal conditions of storage and use, hazardous polymerisation will not occur.

## Section 11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with the safety data sheet and product label. Symptoms may occur if product is mishandled or over exposure occurs:

### **SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**

<b>INHALATION:</b>	Adverse symptoms may include the following: <ul style="list-style-type: none"><li>- Respiratory tract irritation</li><li>- Coughing wheezing and breathing difficulties</li><li>- Asthma</li></ul>
<b>INGESTION:</b>	No specific data.
<b>SKIN CONTACT:</b>	Adverse symptoms may include the following: <ul style="list-style-type: none"><li>- Irritation</li><li>- Redness</li></ul>
<b>EYE CONTACT</b>	Adverse symptoms may include the following: <ul style="list-style-type: none"><li>- Irritation</li><li>- Redness</li></ul>

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:**

**ACUTE TOXICITY:**

**CONCLUSION/SUMMARY:** This material has been classified as non-hazardous. There are no data available on the mixture itself.

**IRRITATION/CORROSION:**

**CONCLUSION/SUMMARY:**  
**SKIN:** There are no data available on the mixture itself.  
**EYES:** There are no data available on the mixture itself.  
**RESPIRATORY:** There are no data available on the mixture itself.

**SENSITISATION:**

**CONCLUSION/SUMMARY:**  
**SKIN:** There are no data available on the mixture itself.  
**RESPIRATORY:** There are no data available on the mixture itself.

**POTENTIAL CHRONIC HEALTH EFFECTS:**

**GENERAL:** No known significant effects or critical hazards.  
**INHALATION:** This material has been classified as non-hazardous.  
**SKIN CONTACT:** This material has been classified as non-hazardous.  
**CARCINOGENICITY:** This material has been classified as non-hazardous.  
**MUTAGENICITY:** This material has been classified as non-hazardous.  
**TERATOGENICITY:** -  
**CHRONIC TOXICITY:** Not available

**ASPIRATION HAZARD:**

Not Available

**NUMERICAL MEASURES OF TOXICITY:**

**ACUTE TOXICITY ESTIMATES:**

ROUTE	ATE VALUE
N/A	

**OTHER INFORMATION:**

Sanding and grinding dusts may be harmful if inhaled. Do not allow to enter drains or watercourses.

## Section 12. Ecological Information

**ECOTOXICITY:** No known significant effects or critical hazards.

**AQUATIC AND TERRESTRIAL TOXICITY:** Not Available

**PERSISTENCE/DEGRADABILITY:** Not Available

**BIOACCUMULATIVE POTENTIAL:** Not Available

**MOBILITY IN SOIL:**  
**SOIL/WATER PARTITION COEFFICIENT (KOC):** Not Available

**OTHER ADVERSE EFFECTS:** No known significant effects or critical hazards.  
Do Not allow to enter drains or Watercourses.

## Section 13. Disposal Considerations

**DISPOSAL METHODS:**

The generation of waste should be avoided or minimised wherever possible.  
 Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
 Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.  
 Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.  
 Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.  
 This material and its container must be disposed of in a safe way.  
 Care should be taken when handling emptied containers that have not been cleaned or rinsed out.  
 Empty containers or liners may retain some product residues.  
 Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**NOT SUITABLE:**

Do not allow to enter drains or watercourses

**Disposal should be in accordance with applicable regional, national and local laws and regulations.**

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.  
 Section 6. Accidental release measures

## Section 14. Transport Information

	NZ	ADG	IMDG	IATA
<b>UN NUMBER</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>UN PROPER SHIPPING NAME</b>	-	-	-	-
<b>TRANSPORT HAZARD CLASS(ES)</b>	-	-	-	-
<b>PACKING GROUP</b>	-	-	-	-
<b>ENVIRONMENTAL HAZARDS</b>	No	No	No	No
<b>MARINE POLLUTANT SUBSTANCES</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable

### ADDITIONAL INFORMATION:

<b>NZ:</b>	None identified.
<b>ADG:</b>	None identified.
<b>HAZCHEM CODE:</b>	Not applicable.
<b>IMDG:</b>	None identified.
<b>IATA:</b>	None identified.
<b>SPECIAL PRECAUTIONS FOR USER:</b>	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
<b>TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS:</b>	Not applicable.

## Section 15. Regulatory Information

<b>NEW ZEALAND INVENTORY OF CHEMICALS (NZIoC):</b>	All components are listed or exempted.
<b>HSNO APPROVAL NUMBER:</b>	Not applicable
<b>APPROVED HANDLER:</b>	Not applicable.

## Section 16. Other Information

**DATE OF ISSUE:** 1<sup>st</sup> October 2025

📌 Indicates information that has changed from previously issued version.

**KEY TO ABBREVIATIONS:**

STEL = Short Term Exposure Limit  
TWA = Time-Weighted Average  
WES = Work Exposure Standard

**REFERENCES:** Not available.

### Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by Climate Coating Ltd, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.