



SAFETY DATA SHEET

1. Identification

Product identifier CGC Synko® Brand Pre-Coat™ Drywall Surface Equalizer

Other means of identification

SDS number 48001010006

Synonyms Pre-coating

Recommended use Interior use.

Recommended restrictions Use in accordance with manufacturer's recommendations.

Manufacturer/Importer/Supplier/Distributor information

Company name CGC Inc.

Address 735 Fourth Line
Oakville, ON L6L 5B7

A Subsidiary of USG Corporation

Telephone (English) 1-800-387-2690 (Francais) 1-800-361-1310

Website www.cgcinc.com

Emergency phone number 1-800-507-8899

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement None.

Precautionary statements

Prevention Observe good industrial hygiene practices.

Response Get medical attention/advice if you feel unwell.

Storage Store as indicated in Section 7.

Disposal Dispose of in accordance with federal, provincial and local regulations.

Other hazards None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|------------------|------------|------|
| Kaolin | 1332-58-7 | < 10 |
| Titanium dioxide | 13463-67-7 | < 5 |

Composition comments Since this product is a liquid slurry, the risk of inhaling particles will not occur during the recommended use of this product.

4. First-aid measures

Inhalation Exposure to mists may cause temporary irritation to eyes, skin, nose, throat, and upper respiratory tract. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact Do not rub eyes. Flush thoroughly with water for at least 15 minutes. If burning, redness, itching, pain, or other symptoms develop or persist get medical attention.

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| Ingestion | Rinse mouth. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | Under normal conditions of intended use, this material does not pose a risk to health. Overexposure is highly unlikely at concentrations present in this product. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. |
| General information | Ensure that medical personnel are aware of the material(s) involved. |

5. Fire-fighting measures

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| Suitable extinguishing media | Use fire-extinguishing media appropriate for surrounding materials. |
| Unsuitable extinguishing media | Not applicable. |
| Specific hazards arising from the chemical | Not a fire hazard. |
| Special protective equipment and precautions for firefighters | Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Use standard firefighting procedures and consider the hazards of other involved materials. |
| Specific methods | Cool material exposed to heat with water spray and remove it if no risk is involved. |
| General fire hazards | No unusual fire or explosion hazards noted. |

6. Accidental release measures

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| Personal precautions, protective equipment and emergency procedures | See Section 8 of the SDS for Personal Protective Equipment. |
| Methods and materials for containment and cleaning up | Prevent entry into confined areas or water systems. Dilute with water and mop or wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Dispose of waste according to local regulations. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |

7. Handling and storage

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| Precautions for safe handling | Minimize exposure to mists. In case of insufficient ventilation, wear suitable respiratory equipment. Observe good industrial hygiene practices. Use proper lifting techniques. |
| Conditions for safe storage, including any incompatibilities | Store in a cool, dry, well-ventilated place. Store in a closed container away from incompatible materials. Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e., there is a mouldy appearance or an unpleasant odour. Keep containers closed when not in use. |

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|-----------------------------------|------|----------------------|----------------------|
| Kaolin (CAS 1332-58-7) | TWA | 2 mg/m ³ | Respirable fraction. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m ³ | |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|-----------------------------------|------|----------------------|-------------|
| Kaolin (CAS 1332-58-7) | TWA | 2 mg/m ³ | Respirable. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m ³ | |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value | Form |
|-----------------------------------|------|---------------------|----------------------|
| Kaolin (CAS 1332-58-7) | TWA | 2 mg/m ³ | Respirable. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 3 mg/m ³ | Respirable fraction. |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value | Form |
|------------|------|----------------------|-------------|
| | | 10 mg/m ³ | Total dust. |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components | Type | Value | Form |
|-----------------------------------|------|----------------------|----------------------|
| Kaolin (CAS 1332-58-7) | TWA | 2 mg/m ³ | Respirable fraction. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m ³ | |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value | Form |
|-----------------------------------|------|----------------------|----------------------|
| Kaolin (CAS 1332-58-7) | TWA | 2 mg/m ³ | Respirable fraction. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m ³ | |

Canada. Quebec OELs. (Ministry of Labour - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value | Form |
|-----------------------------------|------|----------------------|------------------|
| Kaolin (CAS 1332-58-7) | TWA | 5 mg/m ³ | Respirable dust. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m ³ | Total dust. |

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| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Appropriate engineering controls | Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimise the risk of exposure. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Wear approved safety goggles. |
| Skin protection | |
| Hand protection | It is a good industrial hygiene practice to minimise skin contact. For prolonged or repeated skin contact use suitable protective gloves. |
| Other | Normal work clothing (long sleeved shirts and long pants) is recommended. |
| Respiratory protection | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure air supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use. Observe any medical surveillance requirements. |
| Thermal hazards | None. |
| General hygiene considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements. |

9. Physical and chemical properties

Appearance

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| Physical state | Liquid. |
| Form | Slurry. |
| Colour | Off-white. |
| Odour | Low to no odour. |
| Odour threshold | Not applicable. |
| pH | 7.5 - 9.9 |
| Melting point/freezing point | Not applicable. |
| Initial boiling point and boiling range | Not available. |
| Flash point | Not applicable. |
| Evaporation rate | Not applicable. |

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not applicable.

Flammability limit - upper (%) Not applicable.

Explosive limit - lower (%) Not applicable.

Explosive limit – upper (%) Not applicable.

Vapour pressure Not applicable.

Vapour density Not applicable.

Relative density 1.3 - 1.4 (H₂O=1)

Solubility(ies)

Solubility (water) Soluble in water.

Partition coefficient (n-octanol/water) Not applicable.

Auto-ignition temperature Not applicable.

Decomposition temperature Not applicable.

Viscosity Not applicable.

Other information

Bulk density 1.3 - 1.4 kg/l

VOC (Weight %) 45.8 g/l (Calculated by EPA Method 24)

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerisation does not occur.

Conditions to avoid None known.

Incompatible materials None known.

Hazardous decomposition products Calcium oxides. Sulphur oxides. Above 800°C (1472°F) limestone (CaCO₃) can decompose to lime (CaO) and release carbon dioxide (CO₂).

11. Toxicological information

Information on likely routes of exposure

Inhalation Inhalation of mist may cause irritation to throat and or nasal passages.

Skin contact The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

Eye contact Direct contact with airborne particulates may cause temporary irritation.

Ingestion Ingestion may cause irritation and stomach discomfort.

Symptoms related to the physical, chemical and toxicological characteristics Irritation of eyes and mucous membranes. Skin irritation.

Information on toxicological effects

Acute toxicity Not expected to be a hazard under normal conditions of intended use.

| Components | Species | Test results |
|------------------------|---------|-------------------|
| Kaolin (CAS 1332-58-7) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rat | > 5000 mg/kg |
| <i>Inhalation</i> | | |
| LC50 | Rat | > 2 mg/l, 4 Hours |

| Components | Species | Test results |
|---|--|--------------------|
| Oral LD50 | Rat | > 5000 mg/kg |
| Titanium dioxide (CAS 13463-67-7) | | |
| Acute | | |
| Inhalation LC50 | Rat | 3.43 mg/l, 4 Hours |
| Oral LD50 | Rat | > 5000 mg/kg |
| Skin corrosion/irritation | Prolonged or repeated skin contact may cause drying, cracking, or irritation. | |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. | |
| Respiratory or skin sensitisation | | |
| Canada - Alberta OELs: Irritant | | |
| Titanium dioxide (CAS 13463-67-7) | Irritant | |
| Respiratory sensitisation | Not a respiratory sensitiser. | |
| Skin sensitisation | The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact. For detailed information, see section 16. | |
| Germ cell mutagenicity | Data does not suggest that this product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Carcinogenicity | This product is not expected to increase the risk of cancer. | |
| | Titanium Dioxide is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. | |
| ACGIH Carcinogens | | |
| Kaolin (CAS 1332-58-7) | A4 Not classifiable as a human carcinogen. | |
| Titanium dioxide (CAS 13463-67-7) | A4 Not classifiable as a human carcinogen. | |
| Canada - Manitoba OELs: carcinogenicity | | |
| KAOLIN, RESPIRABLE FRACTION (CAS 1332-58-7) | Not classifiable as a human carcinogen. | |
| Titanium dioxide (CAS 13463-67-7) | Not classifiable as a human carcinogen. | |
| Reproductive toxicity | Not expected to be a reproductive hazard. | |
| Specific target organ toxicity - single exposure | No data available, but none expected. | |
| Specific target organ toxicity - repeated exposure | No data available, but none expected. | |
| Aspiration hazard | Not an aspiration hazard. | |
| Chronic effects | Prolonged exposure may cause chronic effects. | |

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components | Species | Test results |
|--------------------------------------|--|---------------------|
| Kaolin (CAS 1332-58-7) | | |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | LC50 Daphnia magna | > 1.1 g/l, 48 Hours |
| Persistence and degradability | Calcium sulfate dissolves in water forming calcium and sulfate ions. | |
| Bioaccumulative potential | Bioaccumulation is not expected. | |
| Mobility in soil | No data available. | |
| Other adverse effects | None expected. | |

13. Disposal considerations

Disposal instructions Dispose of in accordance with federal, provincial and local regulations. Recycle responsibly.

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| Local disposal regulations | Dispose of in accordance with local regulations. |
| Hazardous waste code | Not regulated. |
| Waste from residues / unused products | Dispose of in accordance with local regulations. |
| Contaminated packaging | Dispose of in accordance with local regulations. |

14. Transport information

TDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. Regulatory information

Canadian regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

| | |
|----------------------|------------------|
| Issue date | 18-February-2016 |
| Revision date | 07-June-2024 |
| Version No. | 03 |

Further information

Titanium dioxide: In lifetime inhalation studies of experimental rats, airborne nano-sized (15-40 nanometer particle size range) particles caused lung tissue overload, chronic inflammation and subsequent tumor formation. Because of these study results, titanium dioxide was classified by IARC as a 2B (possibly carcinogenic to humans). However, other laboratory animals such as mice and hamsters did not develop lung tumors under similar testing conditions. Furthermore, results of two major human epidemiology studies among titanium dioxide workers in the US and in Europe did not demonstrate an elevated lung cancer risk, and did not suggest an association between occupational exposure to titanium dioxide and risk for cancer. The titanium dioxide contained in this product is embedded, and generation of airborne nano-sized titanium dioxide particles is not expected.

Skin Sensitization Potential: This product contains an amount of Triazinetriethanol (THT) (CAS No. 4719-04-4) that is within the approved EPA regulated limits. THT can act as a sensitizer. Numerous human studies with concentrations up to 1% yielded negative (no sensitization) results. However, some results showed positive reactions in concentrations <0.5% mostly in persons with eczema.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

NFPA ratings

Health: 1
Flammability: 0
Instability: 0

NFPA ratings**List of abbreviations**

ACGIH: American Conference of Governmental Industrial Hygienists.
NFPA: National Fire Protection Association.

References

Registry of Toxic Effects of Chemical Substances (RTECS)
HSDB® - Hazardous Substances Data Bank
Torben et al. (2001). Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products.

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.