

# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 1 of 6

#### Section 1: Identification

**Product Identifier (Name)** Cem-Kote<sup>™</sup> Flex GP Component A

#### Relevant identified uses of the chemical and restriction on use

The "Relevant" use identified is provided solely to conform to Governmental requirements, and is not included in the manufacturer's published data and specifications. The complete information on identified uses is not available now, and the Safety Data Sheet ("SDS") will be updated, as it becomes available.

#### Details of the supplier of the safety data sheet

Manufacturer Gemite Products Inc.

1787 Drew Road, Mississauga, Ontario, L5S 1J5, Canada

Telephone (905) 672-2020 Emergency telephone number 905 672 2020

Other means of identification

Chemical family Cement mortar. For further information, refer to the product technical data

sheet.

#### Section 2: Hazard(s) identification

#### 2. Hazards identification

**GHS Classification:** Skin irritation, Category 2 H315: Causes skin irritation. Serious eye damage, Category 1 H318: Causes serious eye damage.

Carcinogenicity, Category 1A H350: May cause cancer.

Specific target organ systemic toxicity - single exposure, Category 3, Respiratory

System H335: May cause respiratory irritation.

#### **GHS Label element**

Hazard pictograms:



Signal Word: Danger

Hazard Statements: H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H350 May cause cancer.

*Precautionary Statements*: **Prevention**: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection/ face protection. P280 Wear protective gloves.

P281 Use personal protective equipment as required.



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 2 of 6

#### Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P310 Immediately call a POISON CENTER or doctor/physician.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

362 Take off contaminated clothing and wash before reuse.

#### Storage:

P403 + P233 Store in a well-ventilated, dry place.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Section 3: Composition/information on ingredients

#### **Hazardous ingredients**

Chemical Name	CAS No	Concentration
Portland Cement	65997-15-1	25%
Quartz (SiO2)	14808-60-7	49%
Quartz (SiO2), 5 μm	14808-60-7	1%

All other ingredients are non-hazardous within the current knowledge of the supplier and in the concentrations applicable.

#### Section 4: First-aid measures

#### **Description of First Aid measures**

#### **General advice**

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

#### If inhaled

After inhalation of dust. Keep patient calm, remove to fresh air. If difficulties occur: Obtain medical attention.

#### If on skin

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

#### If in eyes

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

#### If swallowed

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

### Most important symptoms and effects, both acute and delayed

#### Symptoms

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

#### Hazards

No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

#### **Section 5: Fire-fighting measures**

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 3 of 6

**Specific extinguishing methods:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special protective equipment for fire-fighters:** In the event of fire, wear self-contained breathing apparatus.

#### Section 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.

**Environmental precautions:** Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

#### Section 7: Handling and Storage

**Advice on safe handling**: Do not breathe vapors/dust. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

**Conditions for safe storage:** Prevent unauthorized access. Store in original bag. Keep in a well-ventilated place. Observe label precautions. Store in accordance with local regulations.

Materials to avoid: acids

### Section 8: Exposure controls/personal protection

Component	CAS No	Reference**	Value	Exposure limits
Quartz (SiO <sub>2</sub> )	14808-60-7	ACGIH	TWA	0.025 mg/m <sup>3</sup> – respirable fraction
		OSHA Z-3	TWA	30 mg/m³ / % SiO <sub>2</sub> + 2 total dust
		OSHA Z-3	TWA	10 mg/m <sup>3</sup> / % SiO <sub>2</sub> + 2 respirable
		OSHA Z-3	TWA	250 mppcf/m³/SiO <sub>2</sub> +5 respirable
		OSHA PO	TWA	0.1 mg/m³ respirable fraction
Portland cement	65997-15-1	ACGIH	TWA	1 mg/m³ respirable fraction
		OSHA PO	TWA	10 mg/m³ total
		OSHA PO	TWA	5 mg/m³ respirable fraction
		OSHA Z-1	TWA	15 mg/m³ total dust
		OSHA Z-1	TWA	5 mg/m³ respirable fraction
		OSHA Z-3	TWA	50 million particles per cubic foot dust
Quartz (SiO <sub>2</sub> ) μm	14808-60-7	ACGIH	TWA	0.025 mg/m <sup>3</sup> – respirable fraction
		OSHA Z-3	TWA	30 mg/m <sup>3</sup> / % SiO <sub>2</sub> + 2 total dust
		OSHA Z-3	TWA	10 mg/m <sup>3</sup> / % SiO <sub>2</sub> + 2 respirable
		OSHA Z-3	TWA	250 mppcf/m³/SiO <sub>2</sub> +5 respirable
		OSHA PO	TWA	0.1 mg/m³ respirable fraction

<sup>\*</sup>The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

### \*\*Reference

ACGIH. Threshold Limit Values (TLV)

OSHA PO. Table Z-1, Limit for Air Contaminant (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 4 of 6

**Engineering measures**: Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other

engineering controls to keep worker exposure below any recommended or statutory limits.

#### Personal protective equipment

Respiratory protection: Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. Hand protection **Remarks**: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection: Safety eyewear complying with an approved standard should

be used when a risk assessment indicates this is necessary.

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

**Hygiene measures**: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment. before entering eating areas. Wash thoroughly after handling. Avoid breathing dust.

#### Section 9: Physical and chemical properties

Appearance: powder

Color: gray, light grey or white

Odor: odorless

Odor Threshold: no data available Flash point: not applicable not applicable Ignition temperature: Decomposition temperature: no data available no data available Lower explosion limit (Vol%): Upper explosion limit (Vol%): no data available Flammability (solid, gas): no data available Oxidizing properties: not applicable Auto-ignition temperature: no data available pH: not applicable Melting point/range: no data available Freezing point: not applicable not applicable Boiling point/boiling range: Vapor pressure: not applicable ca.2.51 g/cm<sup>3</sup> Specific density: Water solubility: insoluble

Viscosity, dynamic:

Viscosity, kinematic:

Relative vapor density:

Evaporation rate:

Burning rate:

Volatile organic compounds (VOC) content:

no data available
no data available
not applicable
0 g/l A+B combined

#### Section 10: Stability and reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical stability:** The product is chemically stable.

Possibility of hazardous reactions: stable under recommended storage conditions.

**Conditions to avoid**: no data available **Incompatible materials:** no data available



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 5 of 6

**Section 11: Toxicological information** 

Acute toxicity:

Acute oral toxicity:

Acute inhalation toxicity:

Acute dermal toxicity:

Skin corrosion/irritation:

Serious eye damage/eye irritation:

no data available
no data available
causes skin irritation.

causes serious eye damage.

**Respiratory or skin sensitization:** no data available

Germ cell mutagenicity

Mutagenicity: no data available Carcinogenicity: may cause cancer.

IARC: Group 1: Carcinogenic to humans

Quartz (SiO2) 14808-60-7 Quartz (SiO2) <5µm 14808-60-7

NTP: Known to be human carcinogen

Quartz (SiO2) 14808-60-7

Quartz (SiO2) <5μm 14808-60-7

Reproductive Toxicity/Fertility: no data available

**Reproductive Toxicity/Development:** teratogenicity: no data available

STOT-single exposure: Assessment: May cause respiratory irritation.

STOT-repeated exposure: Prolonged exposure can cause silicosis. Assessment: no data available

Aspiration toxicity: no data available

Section 12: Ecological information

Other information Do not empty into drains; dispose of this material and paper bag in a safe

way.

#### Section 13: Disposal considerations

**Waste from residues:** 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. **Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Section 14: Transport information** 

DOT: not dangerous goods
IATA: not dangerous goods
IMDG: not dangerous goods
Special precautions for user: no data available

#### Section 15: Regulatory information

**TSCA list**: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**EPCRA:** Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Acute Health Hazard

Chronic Health Hazard: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313**: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

Clean Air Act
Ozone-Depletion



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 6 of 6

#### **Potential**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

**Clean Water Act:** This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307 **California Prop 65** WARNING! This product contains a chemical known in the State of California to cause cancer. WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

#### **Section 16: Other information**

#### **HMIS Classification**



**Caution:** HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

#### Notice to reader

The information contained in this Safety Data Sheet is based on our level of knowledge at the time of its preparation. Our most current Sales Terms & Conditions shall apply. Please consult the technical data sheet for the appropriate products, and current guide specifications and application instructions, prior to any use and processing.

The terms of this Safety Data Sheet do not create, or infer, any warranty, express or implied, including by incorporation into, or reference in, any seller's documents or sales agreement.



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 1 of 4

#### Section 1: Identification

**Product Identifier (Name)** Cem-Kote<sup>™</sup> Flex GP Component B

#### Relevant identified uses of the chemical and restriction on use

The "Relevant" use identified is provided solely to conform to Governmental requirements, and is not included in the manufacturer's published data and specifications. The complete information on identified uses is not available now, and the Safety Data Sheet ("SDS") will be updated, as it becomes available.

#### Details of the supplier of the safety data sheet

Manufacturer Gemite Products Inc.

1787 Drew Road, Mississauga, Ontario, L5S 1J5, Canada

Telephone (905) 672-2020 Emergency telephone number 905 672 2020

Other means of identification

Chemical family Acrylic latex

#### Section 2: Hazard(s) identification

#### 2. Hazards identification

#### **GHS Classification**

Not a hazardous substance or mixture.

#### **GHS Label element**

Not a hazardous substance or mixture.

See Section 11 for more detailed information on health effects and symptoms.

#### Section 3: Composition/information on ingredients

#### **Hazardous ingredients**

All ingredients are non-hazardous within the current knowledge of the supplier and in the concentrations applicable.

#### Section 4: First-aid measures

#### **Description of First Aid measures**

If inhaled: Move to fresh air.

In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing. If swallowed: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: No known significant effects or hazards.

See Section 11 for more detailed information on health effects and symptoms.

**Protection of first-aiders**: No hazards which require special first aid measures.

Notes to physician: Treat symptomatically.

### **Section 5: Fire-fighting measures**

**Suitable extinguishing media**: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific extinguishing methods**: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 2 of 4

#### Section 6: Accidental release measures

**Environmental precautions:** Local authorities should be advised if significant spillages cannot be contained. **Methods and materials for containment and cleaning up:** Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal

#### Section 7: Handling and storage

**Advice on safe handling**: For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.

**Conditions for safe storage**: Keep container tightly closed in a dry and well-ventilated place. MUST NOT FREEZE Store in accordance with local regulations.

Materials to avoid: no data available

#### Section 8: Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

**Engineering measures**: Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### Personal protective equipment

Respiratory protection: Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

#### Hand protection

Remarks: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye protection**: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

**Skin and body protection**: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

**Hygiene measures:** Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

### Section 9: Physical and chemical properties

Appearance: liquid

Color: white or colored when tinted

Odor: acrylic like Odor Threshold: no data available Flash point: not applicable Ignition temperature: not applicable Decomposition temperature: no data available Lower explosion limit (Vol%): no data available no data available Upper explosion limit (Vol%): Flammability (solid, gas): not applicable Oxidizing properties: no data available Autoignition temperature: not applicable

pH: ca. 7-8 at 73 °F (23 °C)

Melting point/range: not applicable

Freezing point: 0 °C

Boiling point/boiling range: no data available



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 3 of 4

Vapor pressure:

Density at 73 °F (23 °C)

Viscosity, dynamic:

Viscosity, kinematic:

Relative vapor density:

Evaporation rate:

Burning rate:

Volatile organic compounds, (VOC) content: 0 g/l A+B Combined

Section 10: Stability and reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: The product is chemically stable.

Possibility of hazardous reactions: Stable under recommended storage conditions.

Conditions to avoid: Freezing

Incompatible materials: no data available

### **Section 11: Toxicological information**

Acute toxicity:

Acute oral toxicity:

Acute inhalation toxicity:

Acute dermal toxicity:

Skin corrosion/irritation:

Serious eye damage/eye irritation:

Respiratory or skin sensitization:

no data available
no data available
no data available

Germ cell mutagenicity

Mutagenicity:

Carcinogenicity:

IARC:

NTP:

Reproductive Toxicity/Fertility:

no data available
not applicable
not applicable
not applicable

**Reproductive Toxicity/Development:** teratogenicity: no data available

STOT-single exposure:

STOT-repeated exposure:

Aspiration toxicity:

no data available

no data available

#### Section 12: Ecological information

Other information Do not empty into drains; dispose of this material and paper bag in a safe way. Avoid

dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

#### Section 13: Disposal considerations

**Waste from residues:** 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. **Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

### **Section 14: Transport information**

DOT: not dangerous goods
IATA: not dangerous goods
IMDG: not dangerous goods
Special precautions for user: no data available



# Prepared in accordance with GHS standard Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June 2019 Page: Page 4 of 4

### Section 15: Regulatory information

**TSCA list**: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA: Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: No SARA hazards

**SARA 313**: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

Clean Air Act Ozone-Depletion

Potential

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

#### Section 16: Other information

### **HMIS Classification**



**Caution:** HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR: choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. The mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

#### Notice to reader

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The terms of this Safety Data Sheet do not create, or infer, any warranty, express or implied, including by incorporation into, or reference in, any seller's documents or sales agreement.