



Safety Data Sheet

*** Section 1 - Product and Company Identification ***

Material Name: PART-A CeRam-Kote SPG (Base)

Manufacturer Information

CERAM-KOTE COATINGS INCORPORATED
1800 Industrial Drive
Big Spring, TX 79720

Phone: 432-263-8497

Emergency # CHEMTREC +1 703-527-3887

*** Section 2 - Hazards Identification ***

GHS Classification:

Skin Corrosion/Irritation - Category 2

Specific Target Organ Toxicity (Single Exposure) - Category 3

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Warning

Hazard Statements

Causes skin irritation.

May cause respiratory irritation.

Precautionary Statements

Prevention

Wash thoroughly after handling.

Wear protective gloves.

Avoid breathing mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

Response

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

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*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
14807-96-6	Talc	40-45
28064-14-4	Phenol, polymer with formaldehyde, glycidyl ether	30-40
1344-28-1	Aluminum oxide	10-15

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Flush with running water for at least 15 minutes. Seek medical attention.

First Aid: Skin

Wash with flowing water. Remove contaminated clothing and launder before re-wearing. If irritation persists, seek medical attention.

First Aid: Ingestion

DO NOT induce vomiting. Seek medical attention.

First Aid: Inhalation

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

No special fire hazards are known to be associated with this product.

Hazardous Combustion Products

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Extinguishing Media

Use water fog, carbon dioxide, or dry chemical. Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Water may be used to keep fire-exposed containers cool until fire is out.

Unsuitable Extinguishing Media

None.

Fire Fighting Equipment/Instructions

Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this SDS.

*** Section 6 - Accidental Release Measures ***

Recovery and Neutralization

Stop the flow of material, if this is without risk.

Materials and Methods for Clean-Up

Small Spill: Absorb paste on vermiculite, floor absorbent or other absorbent material. Large Spill: Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank.

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Emergency Measures

Isolate area. Keep unnecessary personnel away.

Personal Precautions and Protective Equipment

Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions

None

Prevention of Secondary Hazards

None

* * * Section 7 - Handling and Storage * * *

Handling Procedures

Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapors or mists of this product.

Storage Procedures

No special storage necessary.

Incompatibilities

Strong oxidizing agents.

* * * Section 8 - Exposure Controls / Personal Protection * * *

Component Exposure Limits

Talc (238-877-9)

- ACGIH: 2 mg/m³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)
- Austria: 2 mg/m³ TWA [TMW] (Asbestos-free fibers, respirable fraction)
- Belgium: 2 mg/m³ TWA
- Denmark: 0.3 fiber/cm³ TWA
- Finland: 0.5 fiber/cm³ TWA (fiber); 5 mg/m³ TWA (granular)
- Greece: 10 mg/m³ TWA (inhalable fraction); 2 mg/m³ TWA (respirable fraction)
- Ireland: 10 mg/m³ TWA (total inhalable dust); 0.8 mg/m³ TWA (respirable dust)
- Netherlands: 0.25 mg/m³ TWA
- Portugal: 2 mg/m³ TWA [VLE-MP] (respirable fraction, particulate matter containing no Asbestos and < 1% Crystalline silica)
- Spain: 2 mg/m³ TWA [VLA-ED] (this value is for the particulated matter that is free from Asbestos and contains less than 1% of Crystalline silica, respirable fraction)
- Sweden: 2 mg/m³ LLV (total dust); 1 mg/m³ LLV (respirable dust)

Aluminum oxide (215-691-6)

- Austria: 10 mg/m³ STEL [KZW] (alveolar dust, respirable fraction, smoke, 2 X 60 min)
5 mg/m³ TWA [TMW] (alveolar dust, respirable fraction, smoke)
- Belgium: 1 mg/m³ TWA (as Al)
- Denmark: 5 mg/m³ TWA (total, as Al); 2 mg/m³ TWA (respirable, as Al)
- France: 10 mg/m³ TWA [VME]
- Germany: 4 mg/m³ TWA MAK (dust, inhalable fraction); 1.5 mg/m³ TWA MAK (dust, respirable fraction)
- Greece: 10 mg/m³ TWA (inhalable fraction); 5 mg/m³ TWA (respirable fraction)
- Portugal: 10 mg/m³ TWA [VLE-MP] (particulate matter containing no Asbestos and < 1% Crystalline silica)
- Spain: 10 mg/m³ TWA [VLA-ED]
- Sweden: 5 mg/m³ LLV (total dust, as Al); 2 mg/m³ LLV (respirable dust, as Al)

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Engineering Measures

General dilution ventilation and/or exhaust ventilation should be provided as necessary to maintain exposures below regulatory limits.

Personal Protective Equipment: Respiratory

If irritation occurs, or if the TLV or PEL is exceeded, use a NIOSH approved air purifying respirator with organic vapor cartridges or canisters, or supplied air respirators.

Personal Protective Equipment: Hands

Use chemical resistant gloves such as neoprene or natural rubber gloves.

Personal Protective Equipment: Eyes

Chemical protective goggles.

Personal Protective Equipment: Skin and Body

Loose fitting long sleeved shirt and long pants are recommended.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Paste	Odor:	Aromatic
Physical State:	Solid	pH:	Slight Acidic
Vapor Pressure:	ND	Vapor Density:	>1 (Air=1)
Boiling Point:	ND	Melting Point:	ND
Solubility (H2O):	Insoluble	Specific Gravity:	ND
Evaporation Rate:	ND	VOC:	ND
Bulk Density:	1.68	Octanol/H2O Coeff.:	ND
Flash Point:	>93.3°C (200°F)	Flash Point Method:	ND
Upper Flammability Limit (UFL):	ND	Lower Flammability Limit (LFL):	ND
Burning Rate:	ND	Auto Ignition:	ND

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Hazardous Reaction Potential

Product will not undergo hazardous polymerization.

Conditions to Avoid

None.

Incompatible Products

Strong oxidizing agents.

Hazardous Decomposition Products

May form: carbon dioxide, carbon monoxide, and aldehydes.

*** Section 11 - Toxicological Information ***

Acute Toxicity

Component Analysis - LD50/LC50

Aluminum oxide (1344-28-1)

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Oral LD50 Rat >5000 mg/kg

Potential Health Effects: Skin Corrosion Property/Stimulativeness

Exposure causes skin irritation. Symptoms may include: allergic skin reaction.

Potential Health Effects: Eye Critical Damage/ Stimulativeness

Exposure may cause mild eye irritation. Symptoms may include stinging, tearing, and redness.

Potential Health Effects: Ingestion

Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful.

Potential Health Effects: Inhalation

Exposure to vapor or mist is possible. May cause respiratory irritation.

Respiratory Organs Sensitization/Skin Sensitization

Not a sensitization hazard.

Generative Cell Mutagenicity

Product is not reported to have any mutagenic effects.

Carcinogenicity

A: General Product Information

Product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity

Talc (14807-96-6)

ACGIH: A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers)

IARC: Monograph 93 [2010] (inhaled); Supplement 7 [1987]; Monograph 42 [1987] (Group 3 (not classifiable))

Reproductive Toxicity

Product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

May cause respiratory irritation.

Specified Target Organ General Toxicity: Repeated Exposure

Product is not reported to have any specific target organ toxicity repeat exposure effects.

Aspiration Respiratory Organs Hazard

Not an aspiration hazard.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

Product is not reported to have any ecotoxicity effects.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Talc (14807-96-6)

Test & Species

96 Hr LC50 Brachydanio rerio

>100 g/L [semi-static]

Conditions

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Persistence/Degradability

No information available for the product.

Bioaccumulation

No information available for the product.

Mobility in Soil

No information available for the product.

*** Section 13 - Disposal Considerations ***

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

*** Section 14 - Transportation Information ***

IATA Information

Shipping Name: Not Regulated

ICAO Information

Shipping Name: Not Regulated

IMDG Information

Shipping Name: Not Regulated

*** Section 15 - Regulatory Information ***

Regulatory Information

EU MARKING AND LABELLING:

Symbol(s):

None

Risk Phrases:

None

Substance Analysis - Inventory

Component/CAS	EC #	EEC	CAN	TSCA
Talc 14807-96-6	238-877-9	EINECS	DSL	Yes
Phenol, polymer with formaldehyde, glycidyl ether 28064-14-4	-	No	DSL	Yes
Aluminum oxide 1344-28-1	215-691-6	EINECS	DSL	Yes

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*** Section 16 - Other Information ***

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EU = European Union; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average

Literature References

Available on request.

End of Sheet