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Material Safety Data Sheet

Naf's OMG! Premium Base Coat (Base Product/Powder)
(Effective 12/29/2006)

Section 1 – Chemical Product and Company

Chemical Name: Calcium Carbonate
Product Use: Mineral Additive
Synonyms: OMG! Premium Base Coat

Section 2 – Composition / Information on Ingredients

CAS #	Component	Percent
471-34-1	Precipitated Calcium Carbonate	60-100

Section 3 – Hazards Identification

Emergency Overview

This product is irritating to the eyes, respiratory system and skin.

Potential Health Effects: Eyes

Dust or powder may irritate eye tissue.

Potential Health Effects: Skin

Dust or powder may irritate the skin.

Potential Health Effects: Ingestion

No significant adverse effects are expected upon ingestion of the product.

Potential Health Effects: Inhalation

Dust of this product may cause irritation of the nose, throat, and respiratory tract.

Medical Conditions Aggravated by Exposure

Pre-existing respiratory, skin and eye diseases.

Potential Environmental Effects

No significant environmental effects.

HMIS Ratings: Health: 0 Fire: 0 Reactivity: 0 Personal Protection: B

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

*****Section 4 – First Aid Measures*****

First Aid: Eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

First Aid: Skin

For skin contact, wash immediately with soap and water.

First Aid: Ingestion

Product is not considered toxic in small amounts.

First Aid: Inhalation

Move person to non-contaminated air.

First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically

*****Section 5 – Fire Fighting Measures*****

General Fire Hazards

This material will not burn.

Hazardous Combustion Products

None identified.

Extinguishing Media

Use methods for the surrounding fire.

Fire Fighting Equipment/Instructions

None Necessary.

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

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

*****Section 6 – Accidental Release Measures*****

Containment Procedures

Contain the discharged material.

Cleanup Procedures

Provide adequate ventilation. Cleanup personnel should use personal protective equipment to reduce eye contact, inhalation of dust, and prolonged skin contact. Use vacuum equipment with HEPA filters or wet sweeping/dust suppressant if sweeping is required. Personal safety, handling and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of spilled material and must be followed.

Evacuation Procedures

None Necessary.

Special Procedures

No additional information available.

*****Section 7 – Handling and Storage*****

Handling Procedures

Avoid getting this material into contact with your skin and eyes.

Storage Procedures

Store in a cool, dry, well-ventilated area.

Section 8 – Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information

Keep formation of airborne dusts to a minimum. Follow the ACGIH recommended exposure limit of 10 mg/m³ for Particulates Not Otherwise Classified (PNOC)

B: Component Exposure Limits

Precipitated Calcium Carbonate (471-34-1)

ACGIH: 10 mg/m³ TWA (particulate matter containing no asbestos and < 1% crystalline silica)

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear dust goggles.

Personal Protective Equipment: Skin

Use impervious gloves

Personal Protective Equipment: Respiratory

Use a dust mask for particulate concentrations exceeding the Occupational Exposure Limit.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

Section 9 – Physical & Chemical Properties

Appearance	White Powder	Odor	None
Physical State	Solid	pH	N/A
Vapor Pressure	N/A	Vapor Density	N/A
Boiling Point	N/A	Melting Point	Unknown
Solubility (H₂O)	Partially soluble	Specific Gravity	2.71

Section 10 – Chemical Stability & Reactivity Information

Chemical Stability

Stable under normal conditions

Chemical Stability: Conditions to Avoid

Avoid contact with acids

Incompatibility

Calcium Carbonate ignites on contact with fluorine. It is incompatible with acids, alum, ammonium salts, and mercury/hydrogen mixtures.

Hazardous Decomposition

Thermal oxidative decomposition of calcium carbonate can produce calcium oxide.

Hazardous Polymerization

Will not occur.

*****Section 11 – Toxicological Information*****

Acute and Chronic Toxicity

A: General Product Information

Overexposure to calcium carbonate may result in irritation to eyes, skin, and respiratory system. Acute ingestion may result in mild gastrointestinal distress while chronic exposure may result in hypercalcemia, alkalosis, and renal impairment. Approximately 70-80% of inhaled calcium was retained in the lungs. Animal studies suggest that inhalation of calcium carbonate dusts may enhance susceptibility to respiratory infection.

B: Component Analysis – LD50/LC50

Precipitated Calcium Carbonate (471-34-1)

Oral LD50 Rat: 6450 mg/kg

Carcinogenicity

A: General Product Information

No Carcinogenicity data available for this product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH or NTP.

*****Section 12 – Ecological Information*****

Ecotoxicity

A: General Product Information

This material is not expected to be harmful to aquatic life.

B: Component Analysis – Ecotoxicity – Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Environmental Fate

This material shows no bioaccumulation or food chain concentration toxicity potential.

*****Section 13 – Disposal Considerations*****

US EPA Waste Number & Descriptions

A: General Product Information

No components are identified as hazardous wastes

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

If this material becomes a waste it does not meet the criteria of a hazardous waste as defined by USEPA RCRA regulations. More stringent state or local regulations may apply. Combining this material with another may alter this classification.

*****Section 14 – Transportation Information*****

US DOT Information

Shipping Name: None necessary.

Additional Info.: None.

International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

*****Section 15 – Regulatory Information*****

US Federal Regulations

A: General Product Information

TSCA – All naturally occurring components of this product are automatically included in the USEPA TSCA Inventory List per 40 CFR 710.4 (b). All other components are on the USEPA TSCA Inventory List.

FDA – This product is covered by (FDA) US21 CFR, Part 184. Sections 184.1 and 184.1191 affirm that calcium carbonate is “Generally Recognized As Safe (GRAS) for use as a direct and indirect human food ingredient. Affirmation of a substance as GRAS is further referenced in many of the FDA food additive regulations as a basis for various applications involving direct and indirect contact with food. PCC used in paper and paperboard complies with US21 CFR 176.170 and 176.180 for direct contact with aqueous and fatty foods, and dry foods, respectively.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 371.65), or CERCLA (40 CFR 302.4).

Acute Health: Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis – State

None of this product’s components are listed on the state lists from CA, FL, MA, MI, MN, NJ, or PA.

OTHER REGULATIONS

A: General Product Information

Canadian WHMIS Classification: Not WHMIS Regulated.

B: Component Analysis – Inventory

Component	CAS#	TSCA	DSL	NDSL	EINECS	AUST	PHIL.	MITI	KOREA	ELINCS	CHINA
Precipitated Calcium Carbonate	471-34-1	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes

C: Component Analysis – WHMIS IDL

No components are listed in the WHMIS IDL

*****Section 16 – Other Information*****

Other Information:

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