

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: ALL CAST PRE COAT WHITE and GREEN
Product Number: 2654990, 2654992
Chemical Name: N/A
Chemical Family: N/A
CAS Number: Blend

Company Identification

Supplier Information

Paul H. Gesswein & Co., Inc.
201 Hancock Ave., Bridgeport, CT 06605
Phone: 203-366-5400, FAX: 203-366-3953
email: info@gesswein.com, www.gesswein.com

Emergency phone number: CHEMTELL - 800-255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: US Hazard Classification: Hazardous.

GHS Classification:

Serious eye damage/eye irritation Category 2A
Target Organ Systemic Toxicity - Repeated Exposure, Category 1
Target Organ Systemic Toxicity-Single Exposure Category 3
Skin Corrosion/Irritation - Category 2

GHS Hazard Symbols:

Irritant, Health Hazard



GHS Hazard Statements:

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H372.1 Causes damage to lungs through prolonged or repeated exposure.

EYE:



EYE:

Vapors or liquid may cause irritation with redness and tearing.

SKIN:

May cause irritation.

INHALATION:

Inhalation of vapors or mists may cause irritation to the nose, throat and upper respiratory tract with coughing and shortness of breath.

INGESTION:

Ingestion may cause irritation of the mucous membranes, esophagus and stomach. May cause burns or tissue destruction of the mouth, throat and stomach.

SIGNS AND SYMPTOMS OF EXPOSURE:

Can cause respiratory tract irritation. Shortness of breath and cough may result if exposed to excessive airborne concentrations.

CHRONIC EFFECTS:

Excessive inhalation of respirable crystalline silica may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Prolonged overexposure may cause dermatitis.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

Crystalline silica quartz is listed as 'Carcinogenic to Humans' Group 1 by IARC and 'Known to be a Human Carcinogen' by NTP.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Individuals with impaired pulmonary function should not be subjected to excessive airborne concentrations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
GLYCERINE	0.0 - 5.0 %	56-81-5
CRYSTALLINE SILICA QUARTZ	60.0 - 80.0 %	14808-60-7
SODIUM SILICATE	< 20.0 %	1344-09-8
AMMONIUM HYDROXIDE	< 2.0 %	1336-21-6

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek medical attention.



SKIN CONTACT FIRST AID:

Flush skin with water for 15 minutes. Seek medical attention if irritation is apparent.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, have qualified personnel administer oxygen. Seek medical attention.

INGESTION FIRST AID:

If swallowed, do NOT induce vomiting. Get immediate medical attention.

NOTES TO PHYSICIAN:

Treat symptomatically. Immediate medical attention is required if inhaled or swallowed.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Use appropriate extinguishing media for the surrounding fire.

FIRE & EXPLOSION HAZARDS:

Use water to cool fire-exposed containers.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

Decomposition may release hydrogen gas and acrolein.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Evacuate non-emergency personnel to a safe area. Ventilate area. Wear appropriate protective clothing as described in Section 8. Avoid contact with skin, eyes or clothing.

LARGE SPILLS PROCEDURE:

Flush area with water and absorb spill with sorbents.

Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

SMALL SPILLS PROCEDURE:

Same as large spill.



7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid prolonged contact with skin or eyes. Avoid breathing vapors. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep container closed when not in use.

HANDLING (PHYSICAL ASPECTS):

Empty containers retain product residues and can be hazardous. Follow all SDS precautions when handling empty containers.

STORAGE PRECAUTIONS:

Store in a cool, dry well-ventilated area away from incompatible materials. Protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical safety glasses or goggles should be worn if splashing is possible.

SKIN PROTECTION REQUIREMENTS:

Wear resistant gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

Not required for small amounts. Use NIOSH approved respirator for large quantities.

EXPOSURE GUIDELINES:

GLYCERINE

OSHA PEL: 10 mg/m³

OSHA TWA: 10 mg/m³

Crystalline Silica Quartz

OSHA Ceiling Limit: 20 ppm, 80 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Paste
COLOR:	Cream
ODOR:	Faint Odor
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	2.92 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.



POLYMERIZATION:

Hazardous polymerization will not occur.

DECOMPOSITION:

Hydrofluoric acid dissolves silica to form a corrosive gas.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Repeated or prolonged eye contact may cause inflammation characterized by temporary redness, temporary impairment of vision and/or other transient eye damage/ulceration may occur.

SKIN EFFECTS:

Skin irritation may be present after prolonged or repeated exposure; this may result in a form of contact dermatitis (non allergic).

ACUTE ORAL EFFECTS:

This material may be damaging to the health of the individual, especially where pre-existing organ damage is evident.

ACUTE INHALATION EFFECTS:

This material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives).

CHRONIC EFFECTS /:

Inhalation of excessive amounts of dust from dried out liquid may result in lung damage.(silicosis).

GLYCERINE

Test Code: Oral LD50
Species: Rat
Results: 12600 mg/kg

SODIUM SILICATE

Test Code: Oral LD50
Species: rat
Results: 1153 mg/kg

AMMONIUM HYDROXIDE

Test Code: inhalation
Description: LC50
Species: rat
Results: 2000 ppm/4h

Test Code: Oral LD50
Species: Mouse
Results: 26000 mg/kg

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Do not discharge into sewer or waterways.



13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Nobilcoat
D.O.T. SHIPPING NAME:	N/A
TECHNICAL SHIPPING NAME:	N/A
D.O.T. HAZARD CLASS:	N/A
UN NUMBER:	N/A

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
09 = CANADIAN WHMIS	10 = OSHA Ceiling

EEC Symbols and Indications of Danger:

Harmful (Xn)



R-Phrases:

R48/20 - Harmful: Danger of serious damage to health by prolonged exposure through inhalation.

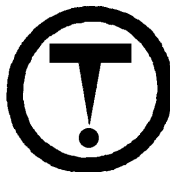
S-Phrases:

S22 - Do not breathe dust.

S38 - In case of insufficient ventilation, wear suitable respiratory equipment.

WHMIS Hazard Symbols:

Class D2 - Materials Causing Other Toxic Effects



Canadian Disclosure List

Crystalline Silica Quartz (14808-60-7)



AMMONIUM HYDROXIDE (1336-21-6)

SARA Title III - Section 313

Crystalline Silica Quartz (14808-60-7) --

CERCLA Hazardous Substances

AMMONIUM HYDROXIDE (1336-21-6) -- RQ 1000 lb

CA Proposition 65

Crystalline Silica Quartz (14808-60-7)

16. OTHER INFORMATION

REASON FOR ISSUE: update
APPROVAL DATE: March 30, 2015
SUPERCEDES DATE: March 30, 2015

HMIS Rating:

Health - 1
Flammability - 1
Reactivity - 0

ABBREVIATIONS USED IN THIS MSDS:

TLV - THRESHOLD LIMIT VALUE	TWA - Time Weighted Average
STEL - SHORT TERM EXPOSURE LIMIT	TPQ - Threshold Planning Quantity
RQ - REPORTABLE QUANTITY	PEL - Permissible Exposure Limit
C - CEILING LIMIT	CAS - Chemical Abstract Service Number
NDA - NO DATA AVAILABLE	N/A - Not Applicable or Not Available

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END OF SAFETY DATA SHEET

