



Hill and Griffith Company Material Safety Data Sheet

PLAINTIFF'S EXHIBIT

H&G-66

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

I. PRODUCT IDENTIFICATION

PRODUCT NAME (s): Pyroseal Mudding Compound

Manufacturer: The Hill & Griffith Co.

Address: 1262 State Avenue
Cincinnati, Ohio 45204

Telephone: (513) 921-1075

Fax: (513) 921-9180

EMERGENCY

TELEPHONE: (800) 424-9300

Call Chemtrec

II. HAZARDOUS MATERIAL IDENTIFICATION SYSTEM *

CATEGORY	RATING	LEGEND
Flammability	0	0=Minimal Hazard
Health	1	1=Slight Hazard
Reactivity	0	0=Minimal Hazard
Personal Protection	B	B=Glasses and gloves

* These ratings are based on NFPA regulations

III. HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS.NO.	ACGIH THRESHOLD LIMIT VALUE	% RANGE	OSHA PERMISSIBLE EXPOSURE LIMIT
Water	7732-18-5	NA	25-35	NA
Silica	14808-60-7	0.1 mg/m ³ *	30-35	0.1 mg/m ³ *
Hydrous Calcium Magnesium Silicate	14807-96-6	2 mg/m ³ *	15-20	20 mppcf
Hydrated Aluminum Silicate	1332-58-7	2 mg/m ³ *	5-8	5 mg/m ³ *
Clay	1318-93-0	15 mg/m ³ **	3-7	5 mg/m ³ *
Cerosene	8008-20-6	NE	< 5	NE

- Respirable Dust; ** - Total Dust.

This material contains Silicon Dioxide in some form. IARC Monographs on the evaluation of the Carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. Classified by the IARC as 2A.

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PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: White to tan paste with earthy and slight solvent odor.

Water Solubility: Miscible

Melting Point(°F): Not applicable.

Boiling Range(°F): 212

Specific Gravity(water=1): 1.7

Vapor Pressure(mmHg): As for Water

Percent Volatile By Weight: 25-35

Vapor Density(Air=1): NE
TPQ: NA

Evaporation Rate(Butyl Acetate=1): NE
RQ: NA

V. FIRE AND EXPLOSION INFORMATION

Flash Point(C.O.C.)(°F): None.

Auto-Ignition Temperature(°F): Not applicable.

Flammable Limits: LEL: Not applicable.

UEL: Not applicable.

Extinguishing Media: Does not burn.

Unusual Fire or Explosion Hazards: Not applicable.

Special Fire-Fighting Procedures: Use full facepiece with self-contained breathing apparatus when fighting fires near this product.

VI. CHEMICAL REACTIVITY INFORMATION

Conditions Contributing to Instability: Not applicable.

Incompatible Materials: Strong oxidizing materials.

Conditions to Avoid: Not applicable.

Hazardous Decomposition Products: Not applicable.

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VII. HEALTH HAZARDS A. Summary/Risks

Signs and Symptoms of Overexposure: May cause eye irritation, minor skin irritation, coughing or shortness of breath. May cause irritation of mucous membranes of the nose, throat, and respiratory tract. Gastrointestinal distress if swallowed in large amounts.

Medical Conditions Generally Aggravated by Exposure: May aggravate pre-existing medical conditions.

Primary Route(s) of Entry: Absorption, inhalation, and ingestion.

Target Organs: Eyes, skin, and mucous membranes.

Acute Health Effect: May irritate nose and throat with possible minor skin irritation. Seek medical attention if ingested, although first-aid is normally not required.

Chronic Health Effect: Exposure to dust may result in silicosis.

Carcinogenicity: See page 1.

Notes to Physician: Gastrointestinal distress if large amounts of product are swallowed.

VII. HEALTH HAZARDS B. First Aid/Emergency Procedures

Inhalation: If overcome, immediately remove from exposure and seek medical attention if irritation or discomfort persists.

Skin Contact/Absorption: Wash skin thoroughly with soap and water. If irritation develops, seek medical attention.

Eye Contact: Flush with clear flowing water for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion: If ingested, this product is not expected to be an acute ingestion problem. First-aid is normally not required, but seek medical advice.

VIII. SPILL, LEAK AND WASTE DISPOSAL PROCEDURES

Procedures for clean-up of spills/leaks: Use respiratory protection. Apply water to spilled material to minimize dust. Stop spill as soon as possible. Scoop up or clean up using best means possible. Water may be used to clean area. Notify proper authorities if the need exists.

Waste Disposal: Waste generated during application, demolition, breakage or spillage may be hazardous wastes as defined by RCRA (40 CFR part 261). Place waste and spillage in closed containers. Dispose in accordance with federal, state and local regulations.

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PROTECTION AND CONTROL INFORMATION

Hygienic Practices: Minimize breathing vapors, mists, fumes or dusts. Avoid prolonged or repeated contact with skin. Remove contaminated clothes, launder before reuse. Remove contaminated shoes; clean before reuse.

Ventilation Requirements: Provide ventilation, such as local mechanical exhaust, sufficient to prevent exceeding recommended exposure limits.

Respiratory Protection: Use NIOSH approved respirator with a fine particulate filter or approved dust mask for dusts, if necessary.

Eye Protection: Use safety glasses with side shields.

Protective Gloves: Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Other Clothing and Equipment: As required to prevent contact.

Engineering Controls/Work Practices: Keep containers and storage containers closed when not in use.

Special Considerations for Repair/Maintenance of Contaminated Equipment: Provide adequate respiratory, eye and skin protection.

X. PRECAUTIONS FOR SAFE HANDLING AND USE

Storage Segregation: Always segregate materials by major hazard class.

Special Handling/Storage: Do not transfer contents to unlabeled container(s). Minimize the amount of airborne dust present in handling and storage by using an enclosed handling system.

Other: Comply with all federal, state and local regulations.

XI. DOT SHIPPING REQUIREMENTS

Shipping Name(s): Any Packaging Caulking Compound, N.O.I.

Date Prepared: 07/23/97
Prepared by: Lori R. Yeager

Supersedes: 03/24/97
Title: Corporate Government Regulatory Manager

Print Date: 7/25/97

As of the date of preparation of this document, the forgoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.

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t Number 616177 PYROSEAL CLASSIC 700# DRUM
 ntity Required .. 1.0000 UM ... LB

Component Part	Description	UM	UM	F	Sk	Pu	T	S	Qty	Per	Extended
											Quantity
612044	PYRAX RG 140	LB	TN	P	Y				.17580		.18
612045	CRESSLUBE 100/ TEXPRO 100	LB	GL	P	Y				.03020		.03
612139	CLAY CHINA 50# BAGS	LB	TN	P	Y				.01180		.01
612213	DOWICIDE (A) 50# BAGS	LB	LB	P	Y				.00250		
612272	WATER	LB	LB	P	Y				.23560		.24
612490	LINER .004 POLY 38X64 FOR EA	EA	EA	P	Y				.00140		
612498	DRUM STEEL O/H LINED RULE EA	EA	EA	P	Y				.00140		
612627	WESTERN BENTONITE 100# BA	LB	TN	P	Y				.01980		.02
613900	TALC NYTAL 100 50# BAGS	LB	TN	P	Y				.52430		.52

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