



Beno J. Gundlach Co., Inc.
211 N. 21st Street
Belleville, IL 62226
618-233-1781

MATERIAL SAFETY DATA SHEET

GUNDLACH GW10/GW11 WATER-BASED GROUT & STONE SEALER

Section I - Product Identity

Product Name	Gundlach Grout & Stone Sealer
Chemical Family	Flourophosphate Ester
CAS Registry #	Mixture
Emergency Infotrac Number	800-535-5053
Date Prepared	May 1, 2007
Prepared By	Beno J. Gundlach Co., Inc.

Section II - Hazardous Components/Composition Information

CHEMICAL NAME	CAS #	WEIGHT (%)	OSHA PEL TWA	ACGIH PEL TWA	NOTES
2-Butoxyethanol	111-76-2	2-5 %	50 ppm	25 ppm	
Isopropyl Alcohol	67-63-0	<3 %	400 ppm	400 ppm	

Section III - Physical and Chemical Properties

Boiling Point	Approximately 100 °C	Specific Gravity (H ₂ O=1)	1.06
Vapor Pressure	N.D.	Vapor Density (Air=1)	N.D.
Percent Volatile By Weight	86%	Evaporation Rate (BuAc=1)	N.D.
Solubility in Water	Dispersible	Volatile Organic Content	3%
Appearance and Odor	Amber solution		

Section IV - Firefighting Measures

Flash Point (Method Used)	>200°F (Closed Cup)
Flammable Limits in Air (% by Volume)	N.D.
Extinguishing Media	Use extinguishing media appropriate to surrounding fire conditions.
Special Firefighting Procedures	A self-contained breathing apparatus and protective clothing must be worn in fighting fires involving chemicals.
Unusual Fire and Explosion Hazard	Burning may produce toxic vapors, including HF and carbon monoxide.

Hazard Ratings

NFPA Rating (based on Standard 704)	(4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant)
Health	1
Flammability	0
Reactivity	0

Section V - Stability & Reactivity

Stability	Stable	XX	Unstable	
Conditions to Avoid	Elevated temperatures (>110°F) and Freezing.			
Incompatibilities	Oxidizers, metalchlorides and acids.			
Hazardous Decomposition or By-Products	May produce CO, HF.			
Hazardous Polymerization	May Occur		May Not Occur	XX

Section VI - Health Hazard Data

Primary Routes of Entry	Inhalation	Yes	Dermal	Yes	Ingestion	Yes
Acute Health Hazard	N.D.					
Chronic Health Hazard	N.D.					
Carcinogenity	N.D.					
NTP?	No	IARC Monograph?	No	OSHA Regulated?	No	
Signs and Symptoms of Exposure						
Skin Contact	May be harmful.					
Eye Contact	Causes irritation.					
Ingestion	May be harmful if swallowed.					
Inhalation	May be harmful if inhaled.					
Medical Condition Generally Aggravated by Exposure	No information available.					
Emergency First Aid Procedures						
Eyes	Flush eyes with water for at least 15 minutes. Get medical attention.					
Skin	Wash with soap and water.					
Ingestion	Do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconcious person. Call a physician.					
Inhalation	Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.					

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case the Material is Released or Spilled	Soak up with sawdust, sand, oil dry or other absorbent material.
Waste Disposal Method	As in accordance with EPA and local regulations.

Section VIII - Special Precautions

Storage and Handling Conditions	<p>Store at temperatures between 40°F to 95°F. Store in a tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. No smoking in area of storage. Use soft water (greater than 25 ppm total hardness but less than 80 ppm total hardness) when preparing treating solution.</p> <p>***Agitate contents of container before using***</p>
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Section IX - Control Measures

Respiratory Protection		Wear respirator where vaporizing occurs.
Ventilation	Local exhaust	Recommended where vaporizing occurs.
	Mechanical	General ventilation is recommended.
	Special	None.
	Other	None.
Eye Protection		Safety glasses.
Protective gloves		Impervious gloves.
Protective Clothing		Apron, boots or coveralls as necessary to prevent skin contact.
Other Protective Equipment		Eye wash equipment.
Other Precautions		Wash hands thoroughly after handling materials.

Section X - SARA Title III

SECTION 313 SUPPLIER NOTIFICATION	This product contains the following toxic chemicals subject to the reporting requirements of SECTION 311 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371.	
CAS #	Chemical Name	Percent by Weight
111-76-2	2-Butoxyethanol	2%
67-63-0	Isopropyl Alcohol	2%
THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.		

Section XI Transportation Information

SHIPPING INFORMATION	This product is not regulated by D.O.T.
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Registration Information

Canadian DSL Listed

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