



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

MATERIAL SAFETY DATA SHEET

GUNDLACH GW14/GW15 WATER-BASED COLOR ENHANCER

Section I - Product Identity

Product Name	Gundlach Color Enhancer
Chemical Family	Silicone Emulsion
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

Section III - Physical and Chemical Properties

Boiling Point	212 °F	Specific Gravity (H ₂ O=1)	1.0
Vapor Pressure	N.A.	Vapor Density (Air=1)	N.A.
Percent Volatile By Weight	81%	Evaporation Rate (BuAc=1)	N.A.
Solubility in Water	Miscible	Appearance and Odor	White liquid

Section IV - Firefighting Measures

Flash Point (Method Used)	>200°F (Closed Cup)
Flammable Limits in Air (% by Volume)	N.A.
Extinguishing Media	Water spray, foam, dry chemical, CO ₂ .
Special Firefighting Procedures	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.
Unusual Fire and Explosion Hazard	None. Burning may produce toxic vapors, including formic acid, carbon dioxide, and formaldehyde.

Hazard Ratings

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

Section V - Stability & Reactivity

Stability	Stable	XX	Unstable	
Conditions to Avoid	Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing.			
Incompatibilities	Avoid contact with strong oxidizing agents and acids. Aluminum at high temperatures.			
Hazardous Decomposition or By-Products	Combustion may produce CO ₂ , CO, and nitrous oxides.			
Hazardous Polymerization	May Occur		May Not Occur	XX

Section VI - Health Hazard Data

Primary Routes of Entry	Inhalation	No	Dermal	Yes	Ingestion	Yes
Acute Health Hazard	No information available.					
Chronic Health Hazard	No information available.					
Carcinogenity	No information available.					
NTP?	No	IARC Monograph?	No	OSHA Regulated?	No	
Signs and Symptoms of Exposure						
Skin Contact	Prolonged and repeated contact with skin can cause defatting and drying of the skin, resulting in skin irritation and dermatitis.					
Eye Contact	Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.					
Ingestion	Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.					
Inhalation	Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headache, dizziness, nausea, drowsiness and loss of consciousness.					
Medical Condition Generally Aggravated by Exposure			No information available.			
Emergency First Aid Procedures						
Eyes	Immediately flush eyes with plenty of water. Call a physician.					
Skin	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.					
Ingestion	Do not induce vomiting. 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	Store at temperatures between 40°F (4.4°C) to 95°F (43.3°C). Protect from freezing. 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. ***Agitate contents of container before using***
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Section IX - Control Measures

Respiratory Protection		Protective mask for vapor concentrations above exposure limits.
Ventilation	Local exhaust	Not required.
	Mechanical	
	Special	
	Other	
Eye Protection		Safety glasses should be worn.
Protective gloves		Rubber or plastic gloves should be worn.
Protective Clothing		Rubber apron.
Other Protective Equipment		NIOSH-approved respirator as needed.
Other Precautions		Wash hands thoroughly after use.

Section X - SARA Title III

SECTION 313 SUPPLIER NOTIFICATION	This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371.	
CAS #	Chemical Name	Percent by Weight
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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