

20819-2001 - 2027
 - 2006 - 2011
 - 2019 - 2201
 - 2023 - 2301

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.

IDENTITY (As Used on Label and List) Brilliant Inks E19800250-480	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I	
Manufacturer's Name rotring GmbH	Emergency Telephone Number 040-5496-0
Address (Number, Street, City, State, ZIP Code) Kieler Strasse 301-303 D-2000 Hamburg 54 GERMANY	Telephone Number for Information 040-5496-2415
	Date Prepared 03/93

Section II - Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
CARN				
ethyleneglycol 107-21-1		50ppm		≤5
Additional Information: -aqueous dyestuff-solution, no hazardous preparation -				
Art.-No.: 598 202-218 598 302-318				

Section III - Physical/Chemical Characteristics				
Boiling Point /°C	ca. 100	Specific Gravity (H ₂ O = 1) /g/ml	1.0	
Vapor Pressure (mm Hg.)	Like Water	Melting Point /°C	ca. -5	
Vapor Density (AIR = 1)	Like Water	Evaporation Rate (Butyl Acetate = 1)	Like Water	
Solubility in Water	Miscible			
Appearance and Odor	Colored liquid with mild odor			

Section IV - Fire and Explosion Hazard Data						
Flash Point (Method Used)	N.A.	Flammable Limits	LEL	N.A.	UEL	N.A.
Extinguishing Media	Product will not burn or support combustion					
Special Fire Fighting Procedures	N.A.					
Unusual Fire and Explosion Hazards	N.A.					

Section V - Reactivity Data			
Stability	Unstable		Conditions To Avoid
	Stable	X	
Incompatibility (Materials to Avoid)	N.A.		
Hazardous Decomposition or Byproducts	N.A.		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data				
Route(s) of Entry:	N.A.	Inhalation?	Skin?	Ingestion?
Health Hazards (Acute and Chronic)	Not to be expected, LD ₅₀ (rat, oral, calculated) > 5g/Kg			
Carcinogenicity:	No	NTP?	IARC Monographs?	OSHA Regulated?

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Signs and Symptoms of Exposure	None known			
Medical Conditions Generally Aggravated by Exposure	None known			
Emergency and First Aid Procedures	EYES: Flush immediately and thoroughly with water. SKIN: Wash with water and soap. INGESTION: Drink water to dilute.			
Section VII - Precautions for Safe Handling and Use				
Steps to Be Taken in Case Material is Released or Spilled	Wipe up and dispose or rinse with water			
Waste Disposal Method	Incinerate or rinse into sewer according to local, state and federal regulations			
Precautions to Be Taken in Handling and Storing	Store at room temperature			
Other Precautions	None			
Section VIII - Control Measures				
Respiratory Protection (Specify Type)	Not required			
Ventilation	Local Exhaust	Not required	Special	Not required
	Mechanical (General)	Sufficient	Other	No
Protective Gloves	Recommended to prevent staining of hands	Eye Protection	If handling larger quantities	
Other Protective Clothing or Equipment	Not necessary			
Work/Hygienic Practices	Wash hands after work			
NA - Not applicable	ND - Not Determined			