

21/

MSDS⁽¹⁾
 MATERIAL SAFETY DATA SHEET
 ENDUSERS
 FOR SUPPLIERS
 WAREHOUSERS

G-2 Black
 (GNB)

QUICK IDENTIFIER

SECTION I - GENERAL INFORMATION

Manufacturer's Name	PILOT CORPORATION	Telephone No.	03-5487-8181
Address	8-1, Mishigotanda 2-chome, Shinagawa-ku Tokyo, 141 Japan	(Area Code)	
		Telex No. PILOT J 27443	Telefax No. 03-5487-8097
		Date	6.23.1997
		Prepared by	H. Kiyomoto

SECTION II - HAZARDOUS INGREDIENTS (SPECIFY COMPONENT)

Hazardous Ingredients (Chemical or common name(s)) ⁽²⁾	CAS No	TLV ppm	weight %	Component
Ethylene glycol	107-21-1	n.d.	20.0	ink

SECTION III - PHYS. / CHEM. CHARACTERISTICS (SPECIFY COMPONENT)

Appearance and Odor	Black colored liquid, Less smell		
Boiling Point °C	n.d.	Density (g/cm ³)	n.d.
Vapor Density (Air=1)	n.d.	Melting Point °C	n.d.
Solubility in Water	Miscible	Evaporation Rate (Butyl Acetate=1)	n.d.
Pressurized	yes	no	X
Other Characteristics	n.a.		
		% Volatile ⁽³⁾	n.d.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) (°C)	n.d.	Explosion Limits (Vol.%)	LEL n.d.	UEL n.d.
Extinguishing Media	n.d.			
Special Fire Fighting Precautions	n.d.	Autoignition Temp. (°C)	n.d.	
Most Hazardous Products of Decomposition	None			
Other Advice	None			

IMPORTANT

- Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate as follows: not applicable=n.a.; not determined=n.d.
- Product type and common name (used on Label and List)
- Cited in any National Regulations on the classification, packaging and labelling of dangerous substances, preparations, paints, varnishes, printing inks, adhesives and similar products.
- Part of the mixture which evaporates.

S/a

SECTION V - STORAGE HAZARDS

Stability Unstable Stable Conditions to Avoid *n.d.*

Incompatibility (Materials to Avoid) *none*

Hazardous Products of Decomposition *n.d.*

Hazardous Polymerization May Occur Will Not Occur Conditions to avoid *n.d.*

SECTION VI - HEALTH HAZARDS

1. Acute⁽¹⁾ *n.d.* 2. Chronic⁽¹⁾ *n.d.*

Signs and Symptoms⁽²⁾ of Overexposure *n.d.*

Medical Conditions Generally Aggravated by Exposure *n.d.*

Chemical Listed as Carcinogen *none*

Emergency and First Aid Procedures *n.d.*

Routes of Entry	Emergency Procedures	Seek Medical Advice
Inhalation	<i>n.a.</i>	<input type="checkbox"/>
Eyes	<i>Gently rinse the affected eyes with clean water</i>	<input type="checkbox"/>
Skin	<i>Gently rinse the affected skin with clean water</i>	<input type="checkbox"/>
Ingestion	<i>Rinse mouth with water</i>	<input checked="" type="checkbox"/>

SECTION VII - SPECIAL PRECAUTIONS

Special Precautions to be Taken during handling *avoid ingestion*

Other precautions *none*

Steps to be Taken in Case Material is Released or Spilled *Soak up with absorbent materials, flush with water.*

Waste Disposal methods

SECTION VIII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) *not required*

Ventilation Local Exhaust *not required* Mechanical (General) *not required* Other *not required*

Skin and Eye Protection *not required*

Work/Hygiene Practices *not required*

5) LD₅₀ shall be noted if known

not applicable = n.a.

6) Health hazard by ingestion or inhalation shall be noted if known

not determined = n.d.