

21/

MSDS
 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	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)) ^(*)	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	<i>n.d.</i>	Density (g/cm ³)	<i>n.d.</i>
Vapor Density (Air=1)	<i>n.d.</i>	Melting Point °C	<i>n.d.</i>
Solubility in Water	<i>Miscible</i>	Evaporation Rate (Butyl Acetate=1)	<i>n.d.</i>
Stabilized	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>	% Volatile ^(**)	<i>n.d.</i>
Other Characteristics	<i>n.a.</i>		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

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	n.a.	<input type="checkbox"/>
Eyes	Gently rinse the affected eyes with clean water	<input type="checkbox"/>
Skin	Gently rinse the affected skin with clean water	<input type="checkbox"/>
Ingestion	Rinse mouth with water	<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.