

TECHNICAL INFORMATION

Material Safety Data Sheet

1. Chemical Product and Company Identification

- Product name: **GI- E BLACK**
- Use: For stationary ink use only

Quantum International
107267 invo RetrGel Pen Blk GP172804Blk
930392 5 Star Rtr Gel Rollerball Med Black

2. Composition / Information on Ingredients

No	Chemical Name	CAS No.
1	C. I. Pigment Black 7	1333- 86- 4
2	Thickener	11138- 66- 2
3	Polyethylene Glycol	25322- 68- 3
4	Glycerin	56- 81- 5
5	Surfactant	39464- 66- 9
6	Triethanolamine	102- 71- 6

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3. Hazards Identification

- Emergency overview

Caution! May be harmful if swallowed or inhaled. May cause irritation of skin, eyes, respiratory organs or gastrointestinal organs.

- Primary routes of exposure

: Eye contact / Skin contact / Inhalation / Ingestion

4. First Aid Measures

- Eye contact

: Immediately flush eyes with large amounts of water and seek immediate medical attention.

- Skin contact

: Immediately wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

- Inhalation

: Remove subject to fresh air.

Get medical attention promptly if breathing is difficult or other symptoms develop.

- Ingestion

: Immediately rinse out mouth, drink plenty of water or milk (or salt water) and get prompt medical attention.

NEVER give an unconscious person anything to ingest.

5. Fire- fighting Measures

· Flash Point	Non- flammable material
· Extinguishing media	A fire extinguisher water, form, CO ₂ , NaHCO ₃
· Not to be used	None
· Special fire fighting procedures	There is no danger of occurring fire and explosion
· Unusual fire and explosion hazards	There is no danger of occurring fire and explosion

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6. Accidental Release Measures

- Personal protection

: Appropriate protective equipment must be worn when handling a spill of this material. See **Section 8, Exposure Control / Personal Protection**, for recommendations. If exposed to material during clean-up operations, see **Section 4, First aid measures**, for actions to follow.

- Procedures

: Keep spectators away. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert material (e.g. sand, earth). Transfer liquids to separate suitable containers for recovery or disposal.

Caution ! : Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. Handling and Storage

- Handling

: Appropriate protective must be used when handling this material (i.e. rubber gloves, safety glasses, mask and protective working clothes as safe as possible).

- Storage

: Use before expired date.

Keep it away from sunlight.

Keep from freezing; Material may coagulate. The recommended storage temperature is between 0°C ~ 30°C (32°F ~ 86°F).

Store the product in an isolated and ventilated area.

Keep out of reach of children.

Keep container closed.

8. Exposure Controls and Personal Protection

- General protective measures - Avoid contact with eyes and skin.
- Hygiene measures - Keep away from foodstuffs and beverages.
- Hand protection - Rubber Gloves.
- Eye protection - Safety Glasses.

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9. Physical and Chemical Properties

· Appearance	Colored Liquid	· Boiling point	>100 °C
· Odor	Slight odor	· pH value	7.5 ± 1.0
· Solubility in water	Soluble	· Specific Gravity	1.10 ± 0.05
· Percent Volatile by Volume(%)	Not Available	· Reactive in water	No reactivity
· Vapor pressure(mm Hg)	Not Available	· Evaporation Rate	Not Available

10. Stability and Reactivity

· Stability	Stable
· Material to avoid(Incompatibility)	None
· Condition to avoid	None
· Hazardous decomposition products	None
· Hazardous reaction	Will not Occur

11. Toxicological Information

- Signs and symptoms of exposure
 1. Acute overexposure - Not established.
 2. Chronic overexposure - Not established.

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12. Ecological Information

- Environmental fate and distribution
 - This product dissolves in water. Treat using the best available techniques is to avoid environmental contamination.
- Toxicity
 - No information available.
- Effect on effluent treatment
 - No data.

13. Disposal Considerations

- General
 - : This product must be disposed of in accordance with all applicable federal, state and local regulations.
- Waste management
 - : Waste material may be incinerated or landfilled at an approved facility. Contact your state or local environmental agency for specific rules.

14. Transport Information

- Not classified as hazardous for transportation
- In order for the bubble not to get, pay attention

15. Regulatory Information

- Not classified as hazardous

16. Other Information

- Label precautions:
 - Avoid contact with eyes, skin and clothing.
 - Keep container closed.
 - Use with adequate ventilation.
- This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.