

SDS #

AP-003_PL-ENOG-GHS_170202

Applicable Items

Item Number	Prefix	Stock	Itm Dsc
PIL51015	PIL	51015	PENCIL,G2,0.7MM,BK

SAFETY DATA SHEET

Date of Issue: February 2, 2017
 SDS No.: AP-003
 Version: 001



1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Identification of the substance or mixture

Product name : ENO-G
 Product code : PL-3ENOG-2H/H/HB/B/2B-A
 PL-5ENOG-4H/3H/2H/H/F/HB/B/2B/3B/4B-A
 PL-7ENOG-H/HB/B/2B-A
 PL-9ENOG-H/HB/B/2B-A
 PL5G100-BL-HB-A

1.2. Use of the preparation : Lead for mechanical pencil.

1.3. Company identification e-mail address

Name of manufacture / supplier : PILOT CORPORATION
 Address : 6-21, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8304 Japan
 Telephone number : 03-3538-3700
 Working hours (from 09.00am to 05.30pm: Japanese time)
 Facsimile number : 03-3538-3909
 e-mail address : international@pilot.co.jp

2. HAZARDS IDENTIFICATION

2.1. GHS Classification of the substance or mixture

Not Classified

2.2. GHS label elements

Not Classified

2.3. Other hazards : None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance or mixture : Mixture

Ingredients and composition

Ingredients	CAS Number	Classification	Weight %
Graphite	7782-42-5	Not Classified	80-90
Oil	63148-62-9	Not Classified	10-20

4. FIRST AID MEASURES

4.1. Description of first aid measures

- Inhalation : None.
- Ingestion : Do not induce vomiting.
Refer for medical attention.
- Skin contact : Wash with soap and water.
And refer for medical attention if irritation continues.
- Eye contact : Flush with water for at least 15 minutes immediately.
And refer for medical attention if irritation continues.
- First aid facilities : Ensure eyewash and water service are available.
- Medical attention : None.

4.2. Most important symptoms and effects, both acute and delayed

There is no specific antidote. Treat symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

In case of skin or eye contamination treat as under First Aid Measures.

5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media : Foam, Dry chemical, or Carbon dioxide
- 5.2 Extinguishing media which shall not be used for safety. : None
- 5.3 Special exposure hazards arising from the substance or preparation itself, combustion products : CO₂ and CO is produced after combustion.
- 5.4 Special protective equipment for fire-fighters. : Not required.
- 5.5 Additional information : None.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions : Remove this product by vacuum suction.
- 6.2 Environmental precautions : Not required.
- 6.3 Methods for cleaning up : Not required.
- 6.4 Additional information : None.

7. HANDLING AND STORAGE

- 7.1. Handling : Avoid rough handling .
- 7.1.1 Protective measures : Not required in normal use.
- 7.1.2 Measures to prevent aerosol and dust generation : Not required in normal use.
- 7.1.3 Measures required to protect the environment : Not required in normal use.
- 7.1.4 Specific requirements or handling rules : None.
- 7.1.5 Precautions against fire and explosion : Not required in normal use.
- 7.2. Storage : Keep away from heat and flame.
- 7.3. Specific use(s) : Not use it except the lead for writing instruments.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Exposure limit values : Not allocated.

8.1.1 Occupational exposure controls. : Not available.

8.1.2 Biological limit values. : Not available.

8.1.3 DNEL and PNEC-value(s) as applicable : No data.

8.2. Exposure controls

8.2.1. Occupational exposure controls

a) Respiratory protection : Not required.

b) Hand protection : Not required.

c) Eye protection : Not required.

d) Skin protection : Not required.

8.2.2. Environmental exposure controls : Not allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

(a) Appearance : Solid, Stick

(b) Odour : Odorless.

(c) Odour threshold : No data.

(d) PH : No data.

(e) Melting point / Freezing point : No data.

(f) Boiling point / boiling range : No data.

(g) Flash point : No data.

(h) Evaporation rate : No data.

(i) Flammability (solid, gas) : No data.

(j) Upper/lower flammability or explosive limits : No data.

(k) Vapor pressure : No data.

(l) Vapor density : No data.

(m) Relative density : About 1.5 (at 20 degrees Celsius)

(n) Solubility(ies) : Not allocated.

(o) Partition coefficient: n-octanol / water : No data.

(p) Auto-ignition temperature : No data.

(q) Decomposition temperature : No data.

(r) Viscosity : Not applicable.

(s) Explosive properties : No data.

(t) Oxidising properties : No data.

9.2. Other information : To avoid adhesion to electric apparatus, as it has electric conductive.

10. STABILITY AND REACTIVITY

10.1. Reactivity : This material is stable.

10.2. Chemical stability : This material is stable.

10.3. Possibility of hazardous reactions : This material is stable.

10.4. Conditions to avoid : No data.

10.5. Incompatible materials : No data.

10.6. Hazardous decomposition products : No data.

11. TOXICOLOGICAL INFORMATION

Mixture : No data.

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|---|------------|
| 11.1 Toxicokinetics, metabolism and distribution | : No data. |
| 11.2 Acute effects (acute toxicity, irritation and corrosivity) | : No data. |
| 11.3 Sensitization | : No data. |
| 11.4 Repeated dose toxicity | : No data. |
| 11.5 CMR (carcinogenity, mutagenicity, and toxicity for reproduction) | : No data. |

12. ECOLOGICAL INFORMATION

Mixture : No data.

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|-------------------------------------|------------|
| 12.1. Ecotoxicity | : No data. |
| 12.2. Mobility | : No data. |
| 12.3. Persistence and degradability | : No data. |
| 12.4. Bioaccumulative potential | : No data. |
| 12.5. Results of PBT assessment | : No data. |
| 12.6. Other adverse effects | : None. |

13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods

Follow all regulations in your country.

14. TRANSPORT INFORMATION

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|-------------------------------------|-------------------|
| 14.1.1 UN number | : Not applicable. |
| 14.1.2 Class | : Not applicable. |
| 14.2.1 Proper shipping name | : Not applicable. |
| 14.3.1 Packing group | : Not applicable. |
| 14.4.1 Marine pollutant | : Not applicable. |
| 14.5.1 Other applicable information | : None. |

15. REGULATORY INFORMATION

Follow all regulations in your country.

16. OTHER INFORMATION

International GHS conformity.

The information here is given in good faith, but no warranty, express or implied, is made.

Final determination of suitability of any material is the sole responsibility of the user.

End of SDS