

MATERIAL SAFETY DATA SHEET

1. PRODUCT NAME & COMPANY IDENTIFICATION

Product Name: MOLYGRAPH[®] NMG 460

Supplier : Anand Engineers Pvt. Ltd., 66, MIDC, Road No. 13, Andheri (East) Mumbai 400 093, India.

Contact Person : Arati Vora.

Emergency Telephones: (022) 2821 9292 / 98 / 99

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name / Ingredients	% by wt.	CAS No.
Petroleum Oil Mixture	> 90	64742-62-7
Organic thickner	10	64742-65-0

As Product Formulation is Proprietary,

No other ingredients are known to be hazardous under normal usage.

3. HAZARDOUS IDENTIFICATION

Main Hazards : Health Effects

Route of Entry : Eyes, Ingestion, Skin

Eye Contact : May cause minor irritation

Ingestion : Relatively non-toxic. May cause diarrhea.

Skin Contact : Mildly irritating. May cause possible rash for person with hypersensitivity.

4. FIRST AID MEASURES

Eye Exposure: Immediately flush with plenty of water until all residual material is gone. If irritation persists get medical help.

Ingestion: Not expected under normal condition. Do not induce vomiting. Wash out mouth. Contact physician immediately.

Skin Contact: Remove by wiping or with waterless hand cleaner, followed by washing with soap & water. If irritation persists get medical help

Inhalation: Not expected under normal condition. If mists or degradation products are inhaled, remove to fresh air. Administer oxygen or artificial respiration as indicated and get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammability: Nil at ambient temperature

Explosion Limits: None. Flammable limits LEL: N/A, UEL:N/A

Extinguishing Media: Use dry chemicals, foam, halon, carbon dioxide, sand, earth or water mist.

Flash Point: > 230 °C (446 °F) [ASTM D-92]

Hazardous Combustion Products: Oxides of carbon, smoke and irritating vapours as products of incomplete combustion.

Protective Equipment: Self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Spillage: Avoid walking through spilled material. Scoop or wipe up spilled material and place in clean container for later disposal. Thoroughly remove residue to prevent slipping. Prevent entry into waterways and sewers. Wear appropriate protective equipment (i.e. rubber gloves, apron etc. as necessary to avoid contact).

7. HANDLING AND STORAGE

Handling Procedures: No special handling precautions

Keep away from heat, sparks, flames or strong oxidizers when handling. Avoid skin and eye contact. Do not pressurize, cut, heat or weld empty containers.

Storage Requirements: Store in cool, dry, well ventilated place away from ignition sources and incompatible material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required under normal working condition.

Eye Protection: Use approved safety glasses or goggles

Skin Protection: Impervious gloves and protective clothing to prevent skin contact

Exposure Limits: This product does not contain any components which have recognised exposure limits.

9. PHYSICAL & CHEMICAL PROPERTIES

No.	Test	Results
1.	Physical State	Grease
2.	Colour	Red
3.	Base Oil	Mineral
4.	Density	0.84 kg / L
5.	Solubility	Insoluble in water
6.	Flash Point	>230 °C.

10. STABILITY AND REACTIVITY

Stability (thermal, light etc.) :Stable

Hazardous Decomposition Products: May release Carbon Dioxide and Carbon Monoxide when heated to decomposition.

Materials to avoid: Strong acids and oxidizing agents

Conditions to avoid: Powerful sources of ignition, extreme temperatures

11. TOXICOLOGICAL INFORMATION

Effect of Long Term (Chronic) Exposure : Long term dermal application may produce skin irritation. Elevated temperatures or mechanical action may form vapors or fumes. Inhalation of oil mists or vapors from hot oil may cause irritation of the upper respiratory tract.

12. ECOLOGICAL INFORMATION

Possible Effects : Highly unlikely to cause widespread contamination. Avoid exposure to environment whenever possible.

13. DISPOSAL CONSIDERATION

Dispose of this material in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

The MSDS contains all the information required.

16. OTHER INFORMATION

None

DISCLAIMER : These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.