



55 W.L. Runnels Industrial Drive; Hattiesburg, MS 39401

SAFETY DATA SHEET

1. Identification

| | |
|----------------------------|--|
| Product Name | N-Phenylaminopropyl POSS® Cage Mixture |
| Product Number | AM0281 |
| Synonyms | NA |
| CAS Number | 1708993-28-5 |
| Product Use | Additive |
| Manufacturer | Hybrid Plastics, Inc. 55 Runnels Dr. Hattiesburg, MS 39401 US |
| Telephone | +1.601.544.3466 |
| Fax | +1.601.545.3103 |
| Email | info@hybridplastics.com |
| Emergency Telephone | US & Canada: 1.800.255.3924 International: +01.83.248.0585 |

2. Hazards Identification

GHS Classification

Physical hazards

None

Health hazards

| | |
|----------------------------|-----------------------------|
| Acute toxicity, oral | Classification not possible |
| Acute toxicity, dermal | Classification not possible |
| Acute toxicity, inhalation | Classification not possible |
| Skin corrosion/irritation | Classification not possible |

| | |
|--|-----------------------------|
| Serious eye damage/irritation | Classification not possible |
| Sensitization, respiratory | Classification not possible |
| Sensitization, skin | Classification not possible |
| Germ cell mutagenicity | Classification not possible |
| Carcinogenicity | Classification not possible |
| Reproductive toxicity | Classification not possible |
| Specific target organ toxicity, single exposure | Classification not possible |
| Specific target organ toxicity, repeated exposure | Classification not possible |
| Aspiration hazard | Classification not possible |

Environmental hazards

| | |
|---|-----------------------------|
| Hazardous to the aquatic environment, acute hazard | Classification not possible |
| Hazardous to the aquatic environment, long-term hazard | Classification not possible |
| Hazardous to the ozone layer | Classification not possible |

GHS Label Elements

None

Signal Word

None

Hazard Statement(s)

None

3. Composition/Information on Ingredients

| Chemical Identity | CAS# | EC# | Concentration |
|--|--------------|-----|---------------|
| N-Phenylaminopropyl POSS® Cage Mixture | 1708993-28-5 | NA | 100% |

4. First Aid Measures

Inhalation

Remove to fresh air. If breathing becomes difficult, seek immediate medical attention.

Skin Contact

Wash off with soap and water.

Eye Contact

Flush eyes with plenty of water.

Ingestion

Wash out mouth with water if person is conscious.

5. Fire Fighting Measures

Suitable extinguishing media

Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special protective equipment and precaution for fire fighters

Fire fighters exposed to vapors should wear a self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

None

Combustion Products

Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon, silicon and nitrogen

6. Accidental Release Measures

Personal precautions

Exercise appropriate precautions to minimize direct contact with skin or eyes.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Use suitable absorbent, sweep up, place in bag and hold for disposal. Ventilate area and wash spill site after material pick up is complete.

7. Handling and Storage

Handling precaution

Handle in a fume hood or in properly ventilated area. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage precaution

Ambient temperatures in tightly closed containers under an inert atmosphere.

8. Exposure Controls/Personal Protection

Respiratory protection

Respiratory protection is not required. Where respiratory protection is desired, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Wear protective gloves. Wash thoroughly after handling.

Eye protection

Wear chemical safety goggles or a face shield

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Use common industrial hygiene practices.

9. Physical and Chemical Properties

| | |
|---|-------------------------------------|
| Appearance | Viscous, light to dark brown liquid |
| Odor | No data available |
| Odor threshold | No data available |
| pH | No data available |
| Melting/freezing point | No data available |
| Initial boiling point and range | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability | Not flammable |
| Upper/lower flammability explosive limits | No data available |
| Vapor pressure | No data available |
| Vapor density | No data available |
| Relative density | 1.2 |
| Solubility(ies) | Acetone (s) Water (ns) |
| Partition coefficient (n-octanol/water) | No data available |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |

10. Stability and Reactivity

Chemical stability

Stable under recommended storage conditions.

Conditions/materials to avoid

Exposure to strong bases

Hazardous decomposition products

Carbon dioxide, Carbon monoxide, Silicon Oxides

11. Toxicological Information

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

To the best of our knowledge the toxicological properties have not been thoroughly investigated.

12. Ecological Information

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Other adverse effects

No data available

13. Disposal Considerations

Product

Contact a licensed waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14. Transport Information

Classification for road and rail transport (ADR/RID)

Not dangerous goods

Classification for sea transport (IMO-IMDG)

Not dangerous goods

Classification for air transport (IATA/ICAO)

Not dangerous goods

15. Regulatory Information

U.S. Federal Regulations: This product is not currently regulated by SARA/EPCRA

TSCA: Not listed.

REACH: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

16. Other Information

Reviewed and Approved by: Director of Commercial Products

Date reviewed: 01.12.2021

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