

1. Product and Company Identification

Identification of the substance or preparation

Product Code: **PNM410208**
Product Description: **RED**

Use of the substance/preparation

Masterbatch or compound for polymer industry

Company Identification

Techmer PM
#1 Quality Circle
Clinton, TN 37716 USA
Telephone: +1-865-457-6700
Fax: +1-865-457-3012

Emergency telephone

+1-865-457-6700

2. Hazards identification

Classification of the product

Skin Sensitizer 1
Eye Damage/Eye Irritation 1

Label elements



Signal Word:
Danger

Hazard Statements:

H317 May cause an allergic skin reaction
H318 Causes serious eye damage.

Precautionary Statements (Prevention):

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with all local, regional, national and international regulations

3. Composition/information on ingredients

This product contains a proprietary blend of components encapsulated within a polymer matrix. One or more of these components are regarded as hazardous under 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200. Under normal conditions of storage and handling, this product is not likely to cause adverse health effects.

4. First aid measures

Inhalation

Move to fresh air. If irritation persists, get medical attention.

Skin contact

If molten material contacts the skin or in case of skin irritation, immediately flush with large amounts of water and get medical attention.

Eye contact

Wash immediately with plenty of water. If irritation persists, get medical attention.

Ingestion

If swallowed, do not induce vomiting. Get medical attention.

5. Fire-fighting measures

Suitable extinguishing media

Foam, CO₂, Dry Chemical and Water Fog

Hazardous combustion products

Burning may produce carbon monoxide, carbon dioxide, ammonia, hydrogen cyanide, hydrocarbons and other possible toxic combustion products.

Special exposure hazards

In its present form, this product offers no unusual fire and explosion hazards. However, dust and fumes generated from this product could present an explosion hazard.

Special protective equipment for fire-fighters

Use self-contained breathing apparatus and chemical-protective clothing.

6. Accidental release measures

Personal precautions

Wear appropriate personal protective equipment. Eliminate all sources of ignition.

Environmental precautions

Do not allow entry to drains, water courses, soil or sewers.

Cleaning methods

Wearing appropriate personal protective equipment, sweep or vacuum and place in suitable container for disposal. Avoid creating dust.

7. Handling and storage

Handling

Avoid dust formation during handling. Provide appropriate local ventilation at machinery and at places where dust can be generated. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage

Store in a cool, dry, well ventilated storage area. Keep container covered when not in use.

8. Exposure controls/personal protection

Engineering Controls

Work in well ventilated areas. Do not breathe dust, if generated. Physical processes such as grinding, high speed blending, etc may generate dust.

Personal protective equipment

Respiratory protection

Not required under normal process conditions and with adequate ventilation. However, should conditions exist that require respiratory protection, a NIOSH/MSHA approved respirator should be worn.

Eye protection

Wear safety glasses with side shields (or goggles).

Body protection

Wear protective gloves. Wear appropriate clothing to prevent repeated or prolonged contact with skin.

Hygiene measures

Wash thoroughly after handling and before eating, drinking or using tobacco products.

9. Physical and chemical properties

Appearance:	Pellet
Odor:	No significant odor
pH:	Not measured
Melting point:	Not measured
Boiling point/boiling range:	Not measured
Flash point:	Not measured
Evaporation Rate:	Not measured
Flammability (solid, gas):	Not flammable
Upper/Lower flammability limits:	Not measured
Vapor pressure:	Not measured
Vapor density:	Not measured
Relative density:	Available upon request
Solubility in water:	Not measured
Partition coefficient: n-octanol/water:	Not measured
Auto ignition temperature:	Not measured
Decomposition temperature:	Not measured

10. Stability and reactivity

Chemical stability

Stable

Conditions to avoid

Do not store near heat, flame nor strong oxidizing agents, acids or bases. Minimize dust generation and accumulation.

Hazardous decomposition products

Carbon monoxide, carbon dioxide, hydrocarbons, ammonia, hydrogen cyanide and other possible toxic substances can be generated during thermal decomposition and combustion.

11. Toxicological information

Acute oral toxicity:	Not tested
Acute inhalation toxicity:	Not tested
Acute dermal toxicity:	Not tested
Skin irritation:	Not tested
Eye irritation:	Not tested
Skin sensitization:	Not tested
Chronic toxicity:	Not tested
Carcinogenicity:	This product is not classified as a carcinogen by IARC, NTP, OSHA or ACGIH.

12. Ecological information

Ecotoxicity

No information available

Persistence and degradability

No information available

Bioaccumulative potential

No information available

13. Disposal considerations

Dispose of in accordance with all local, regional, national and international regulations

14. Transport information

U.S. Department of Transportation (DOT)

Not classified as a dangerous good under transport regulations.

15. Regulatory information



U.S. Toxic Substances Control Act (TSCA): All component(s) comprising this product are either exempt or listed on the TSCA inventory.

SARA Title III, Section 313: Nickel Compounds <1%

16. Other information

HMIS ratings:	Health:	1
	Flammability:	1
	Physical Hazard:	0

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