

## 1. Identification of the substance or mixture and of the supplier

### Identification of the substance or preparation

Product Code: **PNM114201**  
Product Description: **50% ELVALOY**

### 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

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## 2. Hazards identification

### Classification of the product

No need for classification according to GHS criteria for this product.

### Label elements

This product does not require a hazard warning label in accordance with GHS criteria.

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## 3. Composition/information on ingredients

This product contains a proprietary blend of components encapsulated within a polymer matrix. This product is not regarded as hazardous under 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200.

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## 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. Firefighting measures

### Suitable extinguishing media

Foam, CO<sub>2</sub>, 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.

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## 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.

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## 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.

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## 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.

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## 9. Physical and chemical properties

Appearance:	Pellets
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

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## 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, ammonia, hydrogen cyanide, hydrocarbons and other possible toxic substances can be generated during thermal decomposition and combustion.

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## 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

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## 13. Disposal considerations

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

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## 14. Transport information

### U.S. Department of Transportation (DOT)

Not classified as a dangerous good under transport regulations.

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## 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:

This product does not contain any components that exceed the threshold reporting levels established by SARA Title III, Section 313.

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## 16. Other information

<b>HMIS ratings:</b>	<b>Health:</b>	<b>0</b>
	<b>Flammability:</b>	<b>1</b>
	<b>Physical Hazard:</b>	<b>0</b>

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