



## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Information

Type : Film  
Class : Thermoplastic Polyurethane  
Use : Lamination  
Formula : NA

### Name of the Company

**Blue Star Rubber Products,**  
**156/B, IDA, Kattedan, Hyderabad-500077, India**  
**Telephone: +91-40-65263493**  
**Mobile: +91-9885034120**  
**e-mail: info@bluthane.com**  
**website: www.bluthane.com**

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## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Thermoplastic Polyurethane Resin : 85 (Wt. %)  
Additives and pigments : 15

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## 3. HAZARD IDENTIFICATION

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### 4. FIRST AID MEASURES

Not applicable. If the film burns then toxic fumes are likely to be released and molten material which drips could cause burns. In such cases cool off the skin surface with cool air or water and seek medical advice.

**DO NOT TRY TO REMOVE THE POLYMER MELT FROM THE SKIN**

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### 5. FIRE-FIGHTING MEASURES

Flash point : N.A

Extinguishing media: Carbon dioxide (CO<sub>2</sub>), Foam, Dry Chemical Powder(DCP)

Wear self –contained breathing apparatus.

Can release Carbon monoxide, CO<sub>2</sub>, nitrogen oxides on combustion

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### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Wear Personal Protective Equipment

Environmental Precautions: Do not allow to escape into wastewater or soil.

Cleaning methods: N.A

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### 7. HANDLING AND STORAGE

Handling: N.A

Storage: Keep product away from flames.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit values : N.A  
Respiratory protection : N.A  
Hand Protection : N.A  
Eye protection : N.A

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Colour : Transparent to black  
Form : Film / Sheet  
Odour : Odourless  
Density : ca. 1.12 – 1.22 g/cm<sup>3</sup>  
Viscosity,dynamic : N.A  
Miscibility with water : Immiscible  
Volatile Organic Components : None

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## 10. STABILITY AND REACTIVITY

**Hazardous reactions:** No hazardous reactions when properly stored and used

**Hazardous decomposition:** Combustible and noxious fumes liberated during thermal decomposition caused by fire.

Decomposes above 230 Deg C

**Hazardous Polymerization:** Does not occur.

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## 11. TOXICOLOGICAL INFORMATION

No Data available

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## 12. ECOLOGICAL INFORMATION

No data available

The product is not readily biodegradable. Do not allow to escape into waterways.

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## 13. DISPOSAL CONSIDERATIONS

Not to be disposed by incineration. Preferably absorbed in sand and disposed in approved and designated land fill.

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## 14. TRANSPORT INFORMATION

Not a classified dangerous cargo.

Proper shipping name : TPU FILM  
Hazard class : Non-hazardous  
Danger Labels : Not required  
Marine pollutant : None

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## 15. REGULATORY INFORMATION

TSCA components : None  
SARA Toxic chemicals : None  
California proposition 65 : No listed chemicals are present

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## 16. OTHER INFORMATION

No specific information other than the facts mentioned above

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The information provided in this MSDS is correct to the best of our knowledge, Information and belief. The information is only as a guidance for safe handling , use processing, storage, transportation, disposal release, and is not to be considered a warranty or specification.