



Temporary
Surface
Protection



Dust &
Noise
Control



Hoardings
& Barrier
Systems

Material Safety Data Sheet

Transparent Polyethylene Protective Film for Carpet

1. Chemical Product and Company Identification

| | |
|-----------------------|---|
| Commodity Name | Protective film for carpet |
| Description | Transparent color, protective film coated with solvent based acrylic pressure sensitive adhesive, used for carpet protection. |
| Company name | Protecta Group |
| Address | 13 Rachael Close, Silverwater, NSW |
| Zip Code | 2128 |
| Email | sales@protectagroup.com.au |
| Phone: | 1300 88 1232 |
| MSDS code | TR01 |
| Validity | 2016-08-26 |

2. Composition Information on Ingredients

| | | |
|---|----------------|-------------------|
| Mixed Materials | | |
| Component Name | Density | CAS number |
| Low density polyethylene | 80%-90% | 9002-88-4 |
| Acrylic resin pressure sensitive adhesive Copolymer | 10%-20% | |

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3. Hazards Identification

- Dangerous classification: not dangerous goods, flammable solid
- Invasiveness: No natural invasion, skin touch, eye touch, inhalation, swallow
- Health Hazards: Its Pyrogenation result has the weak irritating effect and may induce mild discomfort of skin and upper respiratory tract.
- Environmental Hazards: Has no dangers to environment, but its burnt result has pollution to the air.
- Fire and explosion hazards: flammable solid.

4. First Aid Measures

- Skin exposure: Take off the polluted clothes, and flush thoroughly skin with soap water and clean water.
- Eye contact: Raise eyelid, flush with fluid clean water or normal sodium and go to a doctor.
- Inhaled: Leave the scene quickly to fresh air and keep respiratory tracts unobstructed.
- Swallowed: Drink enough warm water to induce vomiting and seek medical advice.

5. Fire Fighting Measures

- Hazard characteristics: It is flammable in case of open fire and high heat. The gas reach to some range can cause explosion when meet sparks.
- Hazardous combustion products: CO, CO₂.
- Fire extinguishing media: water, CO₂, Foam, Dry Chemical
- Extinguishing method: Transfer the containers from the scene of fire to open space. If the containers in the fireground have changed colours or generate extinguishant from the safety relief device, use foam, CO₂, dry powder and sand to extinguish the fire. If trying to extinguish the fire with water, it will be ineffective. Hazardous combustion products: CO, CO₂.

6. Accidental Release Measures

- Solid, no leakiness



7. Handling and Storage

- **Handling notes:** All handling personnel should be specially trained and should be in strict accordance with the handling rules. It is recommended all handling personnel wear masks and stay away from fire and heat. It is strictly prohibited to smoke at work. Use ventilating system and equipment. Keep the chemicals away from any oxidant. Provide relevant types and quantity of firefighting equipment and leakage emergency equipment.
- **Storage notes:** Store it in cool, ventilated storehouse. Keep away from fire and heat. Avoid direct sunlight. The packaging should be well sealed. Separate it from oxidant and food chemicals, and no mixed storage is allowed. Provide relevant types and quantity of firefighting equipment. Machines and tools that are easy to cause sparks are prohibited.

8. Exposure Control/Personal Protection

- **Monitoring methodology:** Be strictly airtight when produce and provide full exhaust.
- **Respiratory system protection:** respirators
- **Other protections:** No smoking, feeding and drinking at work. Take a shower, and change clothes after work. Maintain good health habits.

9. Physical and Chemical Properties

| | | | |
|----------------------------------|---------|---|-----------|
| Appearance and properties | | Transparent, roll shape, solid. | |
| Melting point (°C) | 130-145 | Relative density (water=1) | 0.90-0.98 |
| Ignition temperature (°C) | 510 | Lower explosive limit % | 30(g/m3) |
| Dissolubility: | | Not dissolve to water, little dissolve to hydrocarbon species, toluene and so on. | |
| Main application | | Surface protection | |

10. Stability and Reactivity

| | |
|--|--|
| Stability | Stable |
| Prohibit to contact | Strong oxidant, alkali species, sour species |
| Prohibited condition | Open fire, high heat |
| Polymerize risk | without |
| Hazardous decomposition products: | CO, CO2 |



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11. Toxicological Information

None

12. Ecological Information

None

13. Disposal Information

| | |
|------------------------------|----------------------|
| Characteristics | Industry solid waste |
| Waste disposal method | Recycle |

14. Transport Information

| | |
|---------------------------------|---|
| Shipping Mark | No |
| Packing materials | 1.Simple packing: kraft paper or air cushioned film 2.Carton packing |
| Caution during transport | Check first whether packing is good before delivery out, and make sure no collapse, fall and damage to the rolls during transport. Avoid exposure under blazing sun, rain, and high temperature in transit. |

15. Regulatory Information

No dangerous goods, no information up to date.

16. Other Information

Disclaimer: The information of this MSDS is obtained based on reliable source to the best of our knowledge and belief. However, we do not guarantee, imply, and express the correctness of the provided data.

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| Referred files | Li Guangyu and so on, Adhesive Materials Handbook, National Defence Industrial Press, 2004 |
| Prepared date | 2009-08-26 |
| Prepared department | Technical |
| Prepared company | Protecta Group |