

Material Safety Data Sheet (MSDS)

Product Name: YG-2603E Hot Melt Pressure-Sensitive Adhesive

Revision Date: 2025-02-11

Version: 8.1e

Manufacturer:

1. Substance and Supplier Information

Product Number: YG-2603E

Application: Industrial adhesive tape

Manufacturer:

Address:

Website:

Email:

Emergency Contact:

2. Identification Information

Physical State: Yellow transparent solid

Chemical Properties: Stable

Hazardous Components: None

Composition:

Styrene Block Copolymer (CAS# 25038-32-8): 20-40%

Rosin-based Resin (CAS# 8050-26-8): 10-30%

Petroleum Resin (CAS# 64742-16-1): 10-30%

Petroleum Base Fill Oil (CAS# 64742-52-5): 15-35%

Antioxidant (Mixture): <1%

3. Hazard Identification

Environmental Impact: None

Physical and Chemical Hazards: None

Hazard Classification: Non-hazardous

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes; seek medical attention if necessary.

Skin Contact: If in molten state, cool with water; do not remove solidified material by force. Use vegetable or mineral oil for removal. Seek medical attention if severe burns occur.

Inhalation: Move the person to fresh air. If breathing is difficult, provide oxygen and seek medical attention if necessary.

Ingestion: Not harmful; no special measures required.

5. Fire Fighting Measures

Autoignition Point: None

Explosion Risk: None

Extinguishing Media: CO₂, dry powder, foam, water mist

Special Firefighting Procedures: None

Hazardous Combustion Products: CO₂

6. Accidental Release Measures

Containment Measures: Restrict access to the affected area.

Precautionary Measures: Collect spilled material for recycling. No special environmental precautions required.

7. Handling and Storage

Storage Temperature: Keep sealed and below 60°C. Avoid direct sunlight.

Handling Precautions: Keep away from heat, flames, and contaminants.

Ventilation: Normal room ventilation is sufficient.

8. Exposure Control and Personal Protection

Ventilation Requirements: Normal room ventilation is sufficient.

Eye Protection: Safety goggles.

Hand Protection: Protective gloves.

Work Clothing: Protective clothing to prevent skin contact.

Cleaning Requirements: Provide emergency showers and eye wash stations.

Respiratory Protection: Not needed under normal conditions.

9. Physical and Chemical Properties

State: Solid, tacky

Color: White

Odor: Mild

Softening Point: ~92-105°C

Flash Point: >210°C

Density (Water = 1): ~1.01

Solubility in Water: ~0

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: CO₂, CO

11. Toxicological Information

Chronic Effects: None

Routes of Exposure: Inhalation at room temperature is unlikely. Skin contact is non-irritating, except in molten state, which may cause burns.

Long-Term Effects: None

Target Organs: None

Carcinogenicity: Unknown

12. Ecological Information

Biodegradability: Not biodegradable

Environmental Impact: Harmless to fish and plants

13. Disposal Considerations

Waste Disposal: Can be recycled. If permitted by local laws, may be buried in designated locations.

Empty Container Disposal: No special requirements.

14. Transport Information

International Transport Regulations: None

UN Number: None

Domestic Transport Regulations: None

Special Transport Precautions: None

15. Regulatory Information

Hazard Classification: Not listed as a hazardous chemical under various national regulations.

16. Other Information

Disclaimer:

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