POLYGUM® · FURNITURE GRADE · CODE PG-HM-SMYT

# POLYGUM® Hot Melt SMYT

Unfilled EVA hot melt granules for bonding PVC edge band to wood-based panels (plywood, MDF and particle board) on manual edge banding machines.

## Product Identification

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|---|---|
| **Product name** | POLYGUM® Hot Melt SMYT |
| **Product code** | PG-HM-SMYT |
| **Brand / range** | POLYGUM® · Furniture grade |
| **Chemical nature** | EVA hot melt adhesive |
| **Chemical family** | Thermoplastic hot melt adhesive, solid at room temperature |
| **Physical form** | Solid granules, fully yellow transparent |
| **HS code (6-digit)** | 3506.91 |
| **Pack sizes** | 30 kg bag |
| **Manufacturer** | Synergy Bonding Solutions Pvt Ltd |

## Product Specification

| Property | Specification / typical value |
|---|---|
| **Type** | EVA hot melt granules |
| **Colour** | Fully yellow transparent |
| **Filler** | Unfilled |
| **Viscosity** | 19,000 ± 2,500 cP at 160°C |
| **Density** | 0.9 – 1.0 g/cm³ |
| **Softening point** | 80 ± 5°C |
| **Application temperature (melting range)** | 130 – 160°C |
| **Application** | Wood to PVC edge banding, side (edge) application |
| **Edge band material** | PVC |
| **Applicator** | Manual edge banding machine |

Parameters listed in the Certificate of Analysis (Doc. No. COA/PG-HM-SMYT/R02) are checked on every batch against these limits. Other values are typical and given for guidance.

## Chemical Composition

| Component | CAS No. | Content (% w/w) |
|---|---|---|
| **Ethylene – vinyl acetate copolymer (EVA)** | 24937-78-8 | Confidential |
| **Tackifying resins (hydrocarbon / rosin ester)** | Confidential | Confidential |
| **Paraffin / synthetic waxes** | 8002-74-2 | Confidential |
| **Antioxidants** | Confidential | Minor |

The exact formulation is proprietary; components and ranges are declared as required for safety and regulatory purposes.

## Hazard & Regulatory Summary

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|---|---|
| **GHS classification** | Not classified as hazardous under GHS. |
| **Transport (DG) status** | Not classified as dangerous goods for road, rail, sea or air transport. |

## Storage & Shelf Life

- Store in sealed bags in a cool, dry place away from direct heat.
- Molten adhesive can cause burns: use heat resistant gloves and eye protection at the melt tank.

## Related Documents

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|---|---|
| **Technical Data Sheet** | TDS/PG-HM-SMYT/R02 |
| **Material Safety Data Sheet** | MSDS/PG-HM-SMYT/R02 |
| **Certificate of Analysis (specimen)** | COA/PG-HM-SMYT/R02 |
| **Haz / Non-Haz declaration** | DGD/PG-HM-SMYT/R02 |
| **Download** | www.synergybonding.in/datasheets |

## Disclaimer

The information in this document is based on our present knowledge and laboratory tests, and is given in good faith as a guide. Because conditions of use are beyond our control, users must test the product to confirm its suitability for their own application. No warranty is given or implied, and this document does not relieve the user of the responsibility to comply with applicable laws and regulations.