

Material Safety Data Sheet



Section 1. Product and Company Identification

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| Product Name: | This MSDS applies to all of our following self adhesive label stocks. InkJet: M, SG, HG, MN, PWG ,PWME, PWMA, PWMHM, PPG, PCGE, CFC, CFW DryToner: RHG, RSG, RAC, RAW, RPWG, RPWM, RPTG, RKB, NNWC, NNPWG, NNPTG TT: TTPCG |
| Product Use: | Self Adhesive Label Stocks |
| Description: | Laminated paper or film with an adhesive coating on the face stock and release material on the backing material. |
| Manufacturer: | DTM Print GmbH, Mainzer Strasse 131, 65187 Wiesbaden, Germany |

Section 2. Hazardous Identification

The product is non-hazardous under normal conditions of use. It will burn if ignited or in continuous contact with intense heat. Processing of this product may produce dust. Accumulated dust is combustible and can be explosive if disturbed in the presence of a spark or other ignition source.

Potential Health Hazards:

Skin: Pressure-sensitive adhesive may stick to skin and cause superficial injury. Edges of material are sharp and can produce cuts, particularly if material is being rewound or slit at high speed. Dust exposure may cause drying and slight mechanical irritation. Prolonged or repeated contact with dust may cause an allergic skin reaction.

Eyes: Dust exposure may cause drying and mechanical irritation.

Inhalation: Dust inhalation may cause drying and irritation of the upper respiratory tract (mouth, nose and throat).

Ingestion: Potential mechanical irritation of the digestive tract.

Chronic effect: None known. Carcinogens: No ingredient is listed on the NTP, IARC or OSHA carcinogen lists.

Section 3. Composition and Information on Components

| Component Name | CAS Number | OSHA Hazard (Yes/No) | Percent (by weight) |
|--|------------|----------------------|---------------------|
| Face stock (paper, PE, PP, aluminium or PET films) | N/A | No | 50 (± 10) |
| Liner | N/A | No | 30 (± 10) |
| Adhesive (acrylic or rubber) | N/A | No | 10 (± 10) |
| Dust | N/A | No | Trace |



Section 4. First Aid Measures

This product is an article, exposure is not expected. Cuts are possible when handling this material. Provide first aid as with any cut and/or abrasion.

Skin: Wash with soap and water. If a rash or persistent irritation or dermatitis occur, get medical attention and advice before returning to work where dust is present.

Eyes: Flush with water to remove dust particles. Get medical attention if irritation persists.

Inhalation: Move to fresh air. Get medical attention if persistent irritation, severe coughing or breathing difficulties occur.

Ingestion: Not applicable.

Section 5. Fire Fighting Measures

Accumulated dust may form explosive dust-air mixture.

Extinguishing Media: Water, CO₂, Sand, Foam, Dry Chemical or other agents as appropriate for materials in surrounding fire.

Caution: CO₂ will displace air in confined spaces and may cause an oxygen deficient atmosphere.

Special Fire Fighting Procedures: Use water to wet down accumulations of paper dust to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned or wet dust to open area air fire is extinguished.

Protection of Fire-fighters: Fire-fighters should wear self-contained breathing apparatus and full fire fighting turn-out gear.

Section 6. Accidental Release Measures

Not applicable for solid product. For dust generated during processing, vacuum up and containerize.

Section 7. Handling and Storage

Not applicable for solid product. For dust generated during processing, vacuum up and containerize. Use mechanical equipment to minimize musculature strain from handling heavy containers and rolls. Provide cool, moisture-free storage away from combustion sources.

Section 8. Exposure Controls / Personal Protection

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| Exposure Guidelines: | OSHA PEL | ACGIH TLV® |
| | Particulates Not Otherwise Regulated | Particulates Not Otherwise Specified |
| Dust from handling and processing: | TWA 15 mg/m ³ (total) | TWA 10 mg/m ³ (inhalable) |
| | TWA 5 mg/m ³ (respirable) | TWA 3 mg/m ³ (respirable) |

Engineering Controls: No specific controls are needed. Provide adequate general and local exhaust ventilation to maintain healthful working conditions in accordance with good practice.

Personal Protective Equipment:

Skin: Gloves may be worn to prevent paper cuts.

Eye / face: Use of safety glasses or goggles is recommended to prevent contact with paper and dust.

Respirator: Not required in ordinary use. NIOSH-approved N-95 or N-100 air-purifying respirator for dusty conditions.

General Hygiene Considerations: Avoid repeated or prolonged dust inhalation or contact with skin in accordance with good practice. Wash thoroughly after handling and before eating or drinking.

Section 9. Physical and Chemical Properties

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| Appearance: | Paper, foil or plastic film with pressure-sensitive adhesive on one side, protected with paper or plastic film backing. |
| Odor: | Mild acrylic or rubber odor when the backing is removed. |
| Odor threshold: | N/A |
| Physical state: | Solid, sticky adhesive layer. |
| pH: | N/A |
| Freezing point: | N/A |
| Boiling point: | N/A |
| Flash point: | N/A |
| Evaporation rate: | N/A |
| Autoignition temperature: | Variable (typically 200 – 260 °C / 400 – 500 °F) |
| Lower explosive limit (dust): | Not available, typically on the order of 40 – 60 g/m ³ |
| Vapour pressure (adhesive): | N/A |
| Specific gravity: | N/A |
| Solubility (water): | Insoluble |
| % Volatiles: | N/A |

Section 10. Stability and Reactivity

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| Stability: | Stable under normal conditions |
| Conditions to avoid: | Exposure to open flame or temperatures exceeding recommended processing temperatures. Product may ignite at temperatures in excess of 200 °C (400 °F) |
| Incompatible materials: | Strong oxidizer's, acids, bases, and drying oils. |
| Hazardous decomposition products: | Fire combustion gases include CO, CO ₂ , other hydrocarbons and water. |
| Hazardous polymerization: | Will not occur. |

Section 11. Toxicological Information

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| Routes of Exposure: | Eye, skin or inhalation contact with dust produced in processing. |
| Oral Toxicity: | Not determined |
| Dermal Toxicity: | Not determined |
| Inhalation Toxicity: | Not determined |
| Primary irritation Effect: | Not determined |
| Carcinogenicity: | Not determined |
| Mutagenicity: | Not determined |
| Reproductive/Developmental Toxicity: | Not determined |

Section 12. Ecological Information

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|-------------------------------------|----------------|
| Mobility (water, soil, air): | Not determined |
| Persistence/Degradability: | Not determined |
| Bio-accumulation: | Not determined |
| Acute Fish Toxicity: | Not determined |
| Acute Crustaceans Toxicity: | Not determined |
| Acute Algae Toxicity: | Not determined |

Section 13. Disposal Considerations

Recycle, landfill or incinerate in accordance with applicable federal, state and local regulations.

Waste product and dust from processing and handling do not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Section 14. Transport Information

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| US DOT (ground): | Not restricted |
| Canada TDG (ground): | Not restricted |
| ICAO (air): | Not restricted |
| IMDG (sea): | Not restricted |

Section 15. Regulatory Information

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| OSHA: | This product is not considered hazardous by the Hazard Communication Standard 29 CFR 1910.1200. It is a manufactured article which does not release or otherwise result in exposure to a hazardous chemical under normal conditions of use. |
| TSCA: | All components are listed on the TSCA Inventory. |
| CERCLA RQ: | N/A |
| SARA Title III: | N/A |
| RCRA: | Not a hazardous waste if discarded. |

Section 16. Other Information

HMIS® Hazard Ratings (for dust): Health – 1, Flammability – 3, Physical Hazards – 0

NOTE: HMIS® ratings give a rapid general impression of material hazards and may vary from company to company. All of the information contained in this document should be considered for safe handling of this product.

Additional Information

For additional information on the use of this product or this MSDS, contact DTM Print GmbH at +49 611 927770 or sales@dtm-print.eu to ask for specific product information and technical specifications.

Disclaimer Statement

This document follows the format of the American National Standard for Hazardous Industrial Chemicals – Material Safety Data Sheets (ANSI Z400.1-2004). The information given herein is based on data provided by the manufacturers of each ingredient contained in the product and data derived from other references. This information is for guidance only, it is based on our most up-to-date knowledge and experience. However, this statement does not constitute any warranty, express or implied.

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