

Norton® TH 16011 MSDS (Material Safety Data Sheet)



SAINT-GOBAIN
PERFORMANCE PLASTICS
Distributor Norton® TH
Dr. D. Müller GmbH

A. Chemical Product/Company Identification

Material name: Polyimide film
Material no.:-
Manufacturer/Distributor:
Taimide Technology Co. Ltd.
No. 127, Sec. 3, Wender Rd., Shinpu Jen, Hsinchu

B. Composition/Information on Ingredients

Material name: Polyimide film

Synonyms: Taimide TH, Taimide TL, Taimide TE

CAS no:-

Components (%):

| Material | CAS | % |
|---|----------|-----|
| Inert Polyimide Film | - | 100 |
| Dimethy Acetamide (DMAC) (residual in film) | 127-16,5 | <1 |

C. Hazards Identification

Harzards and Effects: Potential Health Effects: Not a probable route of exposure for film for inhalation, ingestion or eye contact. No irritation is expected from handling film.

Environmental Effects:-

Physical and Chemical Effects:-

Special Effects:-

Major Symptoms:-

Classification of hazards:-

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D. First Aid Measures

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| First Aid for different Exposure Routes: |
| Inhalation: Not a probable route of exposure for films |
| Skin Contact: Wash with soap and water after handling. If skin irritation develops, consult a physician. |
| Eye Contact: Wash eyes with water. Consult a physician if irritation persists. |
| Ingestion: Not a probable route of exposure for films |
| Major Symptoms and Hazardous Effects: - |
| Protections for first-aid Personnel:- |
| Instructions for Doctors:- |

E. Fire Fighting Measures

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| Extinguishing Media: Water, Foam, Dry Chemical, CO2 |
| Special Hazard while Extinguishing: Taimide Polyimide film (PI) chars but does not burn in air. PI will burn in an atmosphere of 100% oxygen. The major off-gases are carbon dioxide and carbon monoxide. Possessing of PI can cause the generation of static charge. Precautions for static charges should be taken when removing plastic films used as protective packaging for PI. |
| Special Extinguishing Procedures:- |
| Protection Equipment for Fire Fighter:- |

F. Accidental Release Measures

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| Personnel Safeguards: Review Fire Fighting Measures sections before proceeding with clean-up. Use appropriate personal protective equipment. |
| Environmental Safeguards:- |
| Accidental Release Measures: Pick up to prevent slipping hazard. |

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G. Handling and Storage

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| Handling: Wash thoroughly after handling. |
| Storage: Store away from flammable materials. |

H. Exposure Controls/Personal Protection

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| Engineering Control: Safe handling of PI at high temperatures (above 200.) requires adequate ventilation. If small quantities of PI are involved, normal air circulation may be all that is needed. In case of overheating, whether existing ventilation is adequate or not at higher temperatures will depend on the combined factors of film quantity, temperature and exposure time. |
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| Personal Protective Equipment: Safety glasses are recommended as good industrial practice. Respirators are not needed for normal use. Special protective clothing is not needed for normal use. Gloves are recommended as good industrial practice. |
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| Sanitary Measures:- |
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I. Physical and Chemical Properties

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|--------------------------------|--------------------------------|
| State of Materials: Film | Form : Transparent Film |
| Color: Light amber | Odor:- |
| pH:- | Boiling point/ranges:- |
| Decomposition temp.:- | Flash point:- |
| Spontaneous combustion temp.:- | Exposure limit:- |
| Vapor Pressure:- | Vapor density:- |
| Specific Gravity:>1.4 | Solubility in Water: Insoluble |

J. Stability and Reactivity

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| Stability: Stable at normal temperatures and storage conditions |
| Possible reactions under certain conditions:- |
| Conditions to be avoided:- |
| Materials to be avoided:- |
| Decomposition: At temperature above 400., the major off-gases are carbon monoxide and carbon dioxide |

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K. Toxicological Information

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| Acute Toxicity:- |
| Local Effects:- |
| Sensitivity caused:- |
| Chronic Toxicity or Long term toxicity:- |
| Special Effects:- |

L. Ecological Information

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| Possible Environmental Effects/Environmental Distribution:- |
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M. Disposal Considerations

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| Waste Disposal: Landfill or incinerate in compliance with local regulations. |
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N. Transportation Information

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| International Transportation Regulation:- |
| UN Number:- |
| Local Transportation Regulations:- |
| Shipping Information:- |

O. Regulatory Information

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|----------------------------|
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| Regulations applied:- |

P. Other Information

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| References: - |
| Company: Taimide Technology Co. Ltd. |
| Made by: - |
| Date: Jan. 01, 2007 |
| Remarks: Fields marked with “-” represents no further information for now. |

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