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## Product Information

# TMA

## --- Trimellitic Anhydride ---

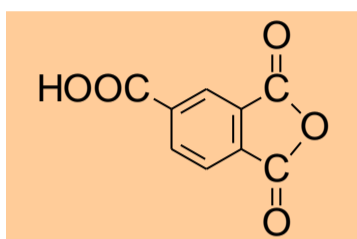


MITSUBISHI GAS CHEMICAL COMPANY, INC.

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### Description

Trimellitic Anhydride  
Chemical formula:  $\text{HOOC-C}_6\text{H}_3(\text{CO})_2\text{O}$



Molecular weight: 136

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### Typical Properties

|                                  |         |
|----------------------------------|---------|
| Anhydride Content, wt% .....     | 95      |
| Freezing Point, °C .....         | 165     |
| Molten color, Hazen .....        | 250     |
| Boiling Point, °C .....          | 390     |
| Melting Point, °C .....          | 168     |
| Vapor Pressure, 25°C, mmHg ..... | max 0.1 |
| Specific gravity, 20°C .....     | 1.54    |

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### Sales Specifications

|                              |         |
|------------------------------|---------|
| Anhydride Content, wt% ..... | min 95  |
| Freezing Point, °C .....     | min 165 |
| Molten color, Hazen .....    | max 250 |

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### Applications

Plasticizer  
Coil varnish

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### Container Information

500Kgs flexible containers  
25Kgs paper bags

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### Precautions for Safe Handling and Use

#### Extinguishing media

Small fire: Carbon dioxide,  
Large fire: Water spray

#### Health safety precautions

Avoid contact with eyes, skin and clothing.  
Avoid breathing vapor.  
Wash thoroughly the face, the hands after handling.

#### Storage conditions

Store in cool and dry place.

For specific safety, handling and toxicity information,

please refer to the current Material Safety Data Sheet.

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#### **First Aid**

##### **If inhaled**

Remove to fresh air immediately. Call a physician.

##### **Skin contact**

Wash skin thoroughly with a plenty of soap and water while removing contaminated clothing and shoed.

##### **Eye contact**

Immediately flush eyes with a plenty of water enough.

Call a physician.

##### **If swallowed**

Induce vomiting if victim is conscious. Call a physician.

Never give anything by mouth to an unconscious person.

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#### **Chemical Registration Numbers**

CAS: 552-30-7

EINECS: 209-008-0

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