

# MATERIAL SAFETY DATA SHEET

MANUFACTURER/DISTRIBUTOR: APICAL DIVISION - KANEKA TEXAS CORPORATION  
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PASADENA, TEXAS 77507

PRODUCT INFORMATION PHONE NUMBER: 1-800-222-8128

## PRODUCT IDENTIFICATION

TRADE NAME : APICAL Polyimide Film.  
TYPE : AV, AF, AVY, AFY, BCW.  
CHEMICAL NAME : Aromatic Polyimide.  
CAS REGISTRY NUMBER : 25038-81-7  
DOT HAZARD CLASS : Not Regulated.  
SHIPPING NAME : Not Applicable.  
IATA HAZARD CLASS : Not Regulated.  
IMO HAZARD CLASS : Not Regulated.  
OZONE DEPLETING CHEMICALS : Not Regulated, Contains No ODC's

## HAZARDOUS COMPONENTS

|            |                    |                    |
|------------|--------------------|--------------------|
| MATERIAL:  | Dimethyl Acetamide | Dimethyl Formamide |
| CAS #:     | 127-19-5           | 68-12-2            |
| WEIGHT %:  | Up to 1.0 %        | Up to 1.0 %        |
| OSHA PEL:  | 10 ppm (skin)      | 10 ppm (skin)      |
| ACGIH TLV: | 10 ppm (skin)      | 10 ppm (skin)      |
| ACGIH TWA: | 10 ppm (skin)      | 10 ppm (skin)      |

SUBSTANCES PRESENT AT A CONCENTRATION OF 0.1% OR MORE WHICH ARE CLASSIFIED AS CARCINOGEN BY IARC, NTP, OR OSHA: None.

## PHYSICAL DATA

MELTING POINT : Thermal degradation before melting.  
SOLUBILITY IN WATER : Insoluble.  
VOLATILE : 1.0% Max.  
FORM : Solid.  
APPEARANCE : Transparent Film.  
COLOR : Amber, to Yellow.  
ODOR : None.

## FIRE AND EXPLOSION HAZARD DATA

|                                      |  |
|--------------------------------------|--|
| FLASH POINT                          | : N/A.   |
| FLASH IGNITION TEMP                  | : N/A.   |
| FIRE AND EXPLOSION HAZARDS           | : Will char but will not burn in atmospheres with normal oxygen content. |
| EXTINGUISHING MEDIA                  | : Water, Carbon dioxide, Foam, Dry chemicals.                            |
| SPECIAL FIRE FIGHTING INSTRUCTIONS : | Wear self-contained breathing apparatus approved by NIOSH.               |
| UNUSUAL FIRE AND EXPLOSION HAZARDS   | : Irritating fumes may develop when product is heated.                   |

## HAZARDOUS REACTIVITY

MATERIALS TO AVOID: None Known.

### HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:

None under normal conditions. At temperature above 400°C, CO, CO<sub>2</sub>, and NO<sub>2</sub> are the major off-gases.

## HEALTH HAZARD INFORMATION

|                |  |
|----------------|--|
| INGESTION      | : Not a probable route of exposure.                                |
| INHALATION     | : Not a probable route of exposure.                                |
| SKIN CONTACT   | : Prolonged contact may cause skin irritation to some individuals. |
| EYE CONTACT    | : Not a probable route of exposure.                                |
| CHRONIC EFFECT | : None Known.  |

## EMERGENCY FIRST AID

SKIN CONTACT : In case prolonged contact causes irritation, wash with soap and water. Consult physician if skin irritation exists.

## PROTECTION INFORMATION

- VENTILATION : Local exhaust recommended for operation above 200°C
- MISC. : Precautions should be taken to prevent skin absorption as well as inhalation of components as outlined in Hazardous Components Section.
- MISC. : This material, as well as many plastic films, has a tendency to form a static charge.
- MISC. : This material can cause a slip hazard if good housekeeping practice are not followed.

## DISPOSAL PROCEDURES

- WASTE DISPOSAL : This material as supplied is not a RCRA hazardous waste. Federal, State and Local regulations should be observed when disposing.

## STORAGE CONDITIONS

Store in original container in cool, dry area to preserve received product quality.

## SPECIAL PRECAUTIONS

Do not use in food contact applications.

Prepared by Environmental & Technical Department:

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