

DUPONT KAPTON/TEFLON CUSTOMER SERVICE -- KAPOO1 -- 9330-01-387-0413

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Product Identification  
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Product ID:KAPOO1

MSDS Date:10/08/1996

FSC:9330

NIIN:01-387-0413

Status Code:A

MSDS Number: CJDQB

=== Responsible Party ===

Company Name:DUPONT KAPTON/TEFLON CUSTOMER SERVICE

Box:89

City:CIRCLEVILLE

State:OH

ZIP:43113

Country:US

Emergency Phone Num:800-237-4357

CAGE:DUPP0

=== Contractor Identifi

cation ===

Company Name:DUPONT KAPTON/TEFLON CUSTOMER SERVICE

Box:89

City:CIRCLEVILLE

State:OH

ZIP:43113

Country:US

Phone:800-237-4357/800-441-3637

CAGE:DUPP0

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Composition/Information on Ingredients  
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Ingred Name:INERT POLYIMIDE FILM

&lt; Wt:100.

Ingred Name:.ALPHA.-ALUMINA

CAS:1344-28-1

RTECS #:BD1200000

Minimum % Wt:0.

Maxumum % Wt:35.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Minimum % Wt:0.

Maxumum % Wt:20.

OS

HA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3

Ingred Name:DIMETHYL ACETAMIDE  
CAS:127-19-5  
RTECS #:AB7700000  
&lt; Wt:1.  
OSHA PEL:35 MG/M3;10 PPM  
ACGIH TLV:36 MG/M3;10 PPM

Ingred Name:POLYIMIDE POLYMER  
CAS:25038-81-7

===== Hazards Identification =====

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES  
Health Hazards Acute and Chronic:INHALATION: EXPOSURE TO ALUMINA/CARBON  
BLACK ENCAPSULATED IN THE POLYMER IS NOT LIKELY. SKIN: DUPONT  
RECOMMENDS TREATING POLYMER  
DUST AS A NUISANCE PARTICULATE.  
SKIN/EYES: NOT A PROBABLE ROUTE OF EXPOSURE FOR FILM.  
Explanation of Carcinogenicity:THE FOLLOWING COMPONENTS ARE LISTED BY  
IARC, NTP, OSHA/ACGIH AS CARCINOGENS: CARBON BLACK.

===== First Aid Measures =====

First Aid:SKIN: WASH W/SOAP & WATER AFTER HANDLING. EYES: FLUSH  
W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Extinguishing Media:WATER,  
FOAM, DRY CHEMICAL, CO2  
Fire Fighting Procedures:NONE REQUIRED.  
Unusual Fire/Explosion Hazard:THE FLAMMABILITY CHARACTERISTIC OF  
POLYIMIDE FILM IS REPORTED AS SELF EXTINGUISHING.

===== Accidental Release Measures =====

Spill Release Procedures:REVIEW FIRE FIGHTING MEASURES & HANDLING  
SECTIONS BEFORE PROCEEDING W/CLEAN-UP. USE APPROPRIATE PERSONAL  
PROTECTIVE EQUIPMENT DURING CLEAN-UP. PICK UP TO PREVENT SLIPPING  
HAZARD.

===== Hand

ling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM FLAMMABLE MATERIALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NEEDED FOR NORMAL USE.

Ventilation:FOR SMALL QUANTITIES: USE NORMAL AIR CIRCULATION IN CASE OF OVERHEATING. VENTILATION AT HIGHER TEMPS WILL DEPEND ON FILM QUANTITY/TEMPERATURE & EXPOSURE TIME.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective

Equipment:NOT NEEDED FOR NORMAL USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

KAPTON WILL BURN IN AN ATMOSPHERE OF 100% OXYGEN. THE PROCESSING OF POLYIMIDE FILMS CAN CAUSE THE GENERATION OF STATIC CHARGE. PRECAUTIONS FOR STATIC CHARGES SHOULD BE TAKEN WHEN REMOVING PLASTIC FILM S USED AS PROTECTIVE PACKAGING FOR KAPTON.

===== Physical/Chemical Properties =====

Melt/Freeze Pt:M.P/F.P Text:NONE

Spec Gravity:>1.

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Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT AMBER TRANSPARENT FILM W/NO ODOR

Percent Volatiles by Volume:1%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:STATIC CHARGES, TEMPERATURES ABOVE 752F.

Hazardous Decomposition Products:CO, CO2

===== Ecological Information =====

Ecological:AQUATIC TOXICITY. INSOLUBLE.

===== Disposal Consid

erations =====

Waste Disposal Methods:LANDFILL/INCINERATE/DISPOSE OF IN ACCORDANCE  
W/LOCAL, STATE & FEDERAL REGULATIONS.

===== Regulatory Information =====

State Regulatory Information:SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS  
SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1%/MORE (0.01 FOR  
SPECIAL HAZARDOUS SUBSTANCES) DIMETHYL ACETAMIDE (1% MAXMUM); SOME  
TYPES CONTAIN CARBON BLACK ( 2-30%); SOME TYPES CONTAIN ALUMIN (35%  
MA  
XIMUM). SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS  
SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1%/MORE (0.1% FOR  
SUBSTANCES IDENTIFIED AS CARCINOGENS, M UTAGENS/TERATOGENS)  
DIMETHYL ACETAMIDE (1% MAXIMUM); SOME TYPES CONTAIN CARBON BLACK  
(2-30%) SOME TY PES CONTAIN ALUMINA (35% MAXIMUM).

===== Other Information =====

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