

**Kapton® FPC; HN; HPP-ST; PST; VN ; V; GS (0.3 - 2 mil)**

Version 2.3

Issue Date : 11/09/2018  
Revision Date : 11/06/2018

Ref. 150000003827

This document is for information only, provided voluntarily and not subsequent to regulatory requirement.

**PRODUCT AND CONTACT INFORMATION****Product identifier**Product name : Kapton® FPC; HN; HPP-ST; PST; VN ; V; GS (0.3 - 2 mil)  
Synonyms : 50FPC, 75FPC, 100FPC, 200FPC, 50FPC C, 100FPC R, 100GS-C, 150GS-C, 175GS-C, 200GS-C, 50H, 100H, 200H, 30HN, 50HN, 75HN, 100HN, 100HN', 150HN, 175HN, 200HN, 100HNS, 50HPP-ST, 200PSTS, 100V, 200V, 50VN, 100VN, 200VN, 100GS, 150GS, 200GS, 200GS-A, 100HPP-ST, 200HPP-ST, 50PST, 100PST, 200PST, 100PSTSCompany : DuPont  
974 Centre Road  
Wilmington, DE 19805, USA**Emergency telephone number**

Emergency contact : 1-800-441-3637 (outside the U.S. 1-302-774-1139)

**HAZARDS IDENTIFICATION****Physical and chemical properties**Form : film  
Water solubility : insoluble**Stability and reactivity**

Stability : The product is chemically stable under recommended conditions of storage, use and temperature.

Conditions to avoid : Temperature &gt; 400 °C (&gt; 752 °F)

Incompatibility : Strong acids strong oxidizers

Hazardous decomposition products : Carbon oxides, Nitrogen oxides (NOx)

Hazardous reactions : No dangerous reaction known under conditions of normal use.

**INFORMATION ON INGREDIENTS**

Not relevant for article

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**FIRST AID MEASURES****Description of first aid measures**

- Inhalation : Is not considered a potential route of exposure.
- Skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye contact : Rinse with plenty of water. Consult a physician if necessary.
- Ingestion : Is not considered a potential route of exposure.

**FIREFIGHTING MEASURES****Extinguishing media**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)

**Special hazards arising from the article**

- Specific hazards during firefighting : Not a fire or explosion hazard. Does not readily burn or support combustion. The flammability characteristic of this material is reported as "self-extinguishing". Kapton® will burn in an atmosphere of 100% oxygen and will char but does not burn in air. The processing and unwrapping of Kapton® polyimide films can cause the generation of static charge.

**Advice for firefighters**

- Special protective equipment for firefighters : Wear suitable protective equipment.

**ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

- Personal precautions : Avoid contact with the skin and the eyes. Ensure adequate ventilation.



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**Environmental precautions**

Environmental precautions : No special environmental precautions required.

**Methods and materials for containment and cleaning up**

Methods for cleaning up : Pick up dropped sheeting to prevent slipping hazard.  
Use mechanical handling equipment.  
Pick up and transfer to properly labelled containers.

**Reference to other sections**

For personal protection see section "Exposure controls/personal protection"

**HANDLING AND STORAGE**

**Precautions for safe handling**

Advice on safe handling : Avoid breathing dust.  
Take necessary action to avoid static electricity discharge.  
Thick films have sharp edges which can cause cuts.

**Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Keep in a dry place.  
Storage temperature : 20 - 30 °C  
Other data : Stable under normal conditions.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : Ensure adequate ventilation.

**Personal protective equipment**

Respiratory protection : Provide adequate ventilation. No personal respiratory protective equipment

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normally required. Where there is potential for airborne exposures in excess of applicable limits, wear approved respiratory protection with dust/mist cartridge. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

- Hand protection : Material: Impervious gloves  
Additional protection: Gloves must be inspected prior to use.
- Eye protection : Wear safety glasses with side shields.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.  
Lightweight protective clothing and safety shoes are recommended.

**DISPOSAL CONSIDERATIONS****Waste treatment methods**

Product : Dispose of in accordance with local regulations.

**REGULATORY INFORMATION****TSCA (US) Status**

Product is an article as defined at 40CFR720.3(c) and is not subject to TSCA Inventory requirements.

**California Prop. 65:**

This product can expose you to N,N-Dimethylacetamide, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**OTHER INFORMATION****Restrictions on use**

Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.

**Further information**



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Before use also read the following DuPont bulletin(s):

Kapton® Polyimide Films - Safe Handling and Use bulletin.

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