

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

Version 2.2

Revision Date 11/30/2016

Ref. 150000003827

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

PRODUCT AND CONTACT INFORMATION**Product identifier**

Product name : DuPont™ 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
,100HPP-ST, 200HPP-ST, 50PST, 100PST, 200PST, 100PSTS
,200PSTS, 100V, 200V, 50VN, 100VN, 200VN
,100GS, 150GS, 200GS, 200GS-A

Company : 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 > 400 °C (> 752 °F)

Incompatibility : Strong acids strong oxidizers

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

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

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INFORMATION ON INGREDIENTS

Not relevant for article

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 (CO2) |

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



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Special protective equipment : Wear suitable protective equipment.
for firefighters

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

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

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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 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



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TSCA (US) Status

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

California Prop. 65:

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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

Before use also read the following DuPont bulletin(s):, Kapton® Polyimide Films - Safe Handling and Use bulletin. The DuPont Oval Logo, DuPont™ and all products denoted with ® or ™ are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates.

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