

**Tedlar® Oriented FM Films**

Version 3.0

Issue Date : 09/08/2023 Ref. 150000005331
Revision Date : 08/26/2020

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

PRODUCT AND CONTACT INFORMATION**Product identifier**

Product name : Tedlar® Oriented FM Films
Product Grade/Type : TFM05AL2; TFM05BL2; TFM04AL2
Company : DuPont
974 Centre Road
Wilmington, DE 19805, USA
Telephone : +1-833-338-7668 (outside the U.S. +1-302-996-8439)

Emergency telephone number

Emergency contact : +1 (888) 439-2988 (Toll free), +1 (303)-739-1125 (Caller Paid)

HAZARDS IDENTIFICATION**Physical and chemical properties**

Form : film
Odor : odourless
Density : 1.7 g/cm³
Water solubility : insoluble

Stability and reactivity

Stability : Stable at normal temperatures and storage conditions.
Conditions to avoid : To avoid thermal decomposition, do not overheat. Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded.
Hazardous decomposition products : Hydrogen fluoride, Carbon monoxide
Hazardous reactions : Polymerization will not occur.

INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
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Includes percentages of the following:

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Polyvinyl fluoride	24981-14-4	>=65%
Fillers/additives		<=35 %
N,N-Dimethylacetamide	127-19-5	<=0.01 %

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

- General advice : No hazards which require special first aid measures.
- Inhalation : Is not considered a potential route of exposure. Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
- Skin contact : Wash with water and soap as a precaution. No treatment is necessary under ordinary circumstances.
- Eye contact : Is not considered a potential route of exposure. If exposed to fumes from overheating or combustion: Rinse immediately with plenty of water for at least 15 minutes. Consult a physician if necessary.
- Ingestion : Is not considered a potential route of exposure.

FIREFIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media : Carbon dioxide (CO2), Dry powder, Foam, Water

Special hazards arising from the article

Specific hazards during firefighting : Hazardous decomposition products
Hydrogen fluoride
Carbon monoxide

Advice for firefighters



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Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus., Wear suitable protective equipment., Wear neoprene gloves during cleaning up work after a fire.

Further information : The solid polymer can only be burned with difficulty.

ACCIDENTAL RELEASE MEASURES

Environmental precautions

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.

HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling : No special handling advice required.

Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store at room temperature. Keep in a well-ventilated place. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : effective ventilation in all processing areas



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Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. In the case of hazardous fumes, wear self contained breathing apparatus. During grinding, sanding, or sawing operations use an approved air purifying respirator with dust/mist cartridge or canister.

Hand protection : Material: Gloves

Eye protection : Safety glasses

Exposure Guidelines
Exposure Limit Values

Polyvinyl fluoride

No applicable data available.

Fillers/additives

No applicable data available.

N,N-Dimethylacetamide

TLV	(ACGIH)	10 ppm	TWA
			Danger of cutaneous absorption
REL	(NIOSH)	10 ppm 35 mg/m ³	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
PEL (Permissible Exposure Limit)	(OSHA)	10 ppm 35 mg/m ³	8 hr. TWA
			Skin designation
PEL (Permissible Exposure Limit)	(OSHA)	10 ppm 35 mg/m ³	TWA
			Skin notation
AEL *	(DuPont)	10 ppm	12 hr. TWA, Skin

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.



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DISPOSAL CONSIDERATIONS

Waste treatment methods

Product : Dispose of in accordance with local regulations. Incinerate only if incinerator is capable of scrubbing out hydrogen fluoride and other acidic combustion products.

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 cancer and birth defects or other reproductive harm. For more information go to 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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