

Material Safety Data Sheet

Section 01. Identification of the substance/mixture and the company/undertaking

Product Name: PTFE Modified PE Wax TPD-7006PE
Use of product: Wax additive.
Company details:
Manufacturer/Supplier: Fuzhou Topda New Material Co., Ltd
Address: 17-16, C3# Building, Cangshan Wanda Plaza, 216 Pushang Avenue,
Fuzhou
Telephone number: +86-591-86396155
Fax number: +86-591-86396155
Emergency telephone number: +86-591-15859107755
Email: contact@fluorochemie.com

Section 02. Composition/information on ingredients

Chemical nature

Micronized PTFE modified polyethylene wax

Hazardous components

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

Section 03. Hazards identification

Emergency Overview

Form : micropowder

Colour : white

Odour : not significant

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)

Potential Health Effects

Eyes : Contact may cause irritation.

Skin : Contact may cause irritation.

Ingestion : Ingestion may irritate the digestive tract.

Inhalation : High concentrations of vapors, resulting from the product being heated, misted or sprayed may cause irritation to the respiratory tract.

Chronic Exposure : No known chronic health effects.

Aggravated Medical Condition : May be aggravating to some asthma-type conditions

Primary Routes of Entry : Inhalation
Eyes
Skin contact

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Environmental Effects

Environmental Effects : No information available.

Section 04. First aid measures**Description of first aid measures**

Inhalation : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.

Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water.

Eye contact : Immediately flush eyes for at least 15 minutes. Get medical attention.

Ingestion : Do not induce vomiting; aspiration hazard. Dilute with 1-2 glasses of water. Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Never give anything by mouth to an unconscious person.

Notes to physician

Risks : No information available.

Section 05. Fire-fighting measures**Flammable properties**

Flash point : 180 °C (356 °F)
Method: 49 (Pensky-Martens)

Suitable extinguishing media : Foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media :	No information available.
Special protective equipment for fire-fighters :	In the event of fire, wear self-contained breathing apparatus.
Specific hazards during fire fighting :	Cool closed containers exposed to fire with water spray. Will not explode on mechanical impact. Keep dust to a minimum to avoid potential formation of explosive air/dust mixture.
Hazardous decomposition products due to incomplete combustion :	Carbon oxides Fluorinated hydrocarbons
Further information :	Keep away from heat and sources of ignition. Keep away from oxidizing agents.

Section 06. Accidental release measures

Personal precautions :	Wear protective equipment: safety glasses, gloves and dust mask or appropriate respirator.
Environmental precautions :	Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
Methods for containment :	Stop leak. Dike and contain spill.
Methods for cleaning up :	Wet sweep or vacuum spill. Use approved industrial vacuum cleaner for removal.
Additional advice :	No further information is available.

Section 07. Handling and Storage

Handling

Handling :	Avoid contact with skin and eyes. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Keep container closed when not in use. Handle as an industrial chemical. Keep away from oxidizing agents. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.
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Storage

Advice on common storage :	Keep product and empty container away from heat and sources of ignition. Keep in a dry, cool and well-ventilated place. Take precautionary measures against static discharges.
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Section 08. Exposure controls/personal protection

Exposure Guidelines

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures

Engineering measures : Use with local exhaust ventilation.

Personal protective equipment

Eye protection : Safety glasses with side-shields
Tightly fitting safety goggles

Hand protection : Latex gloves

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.

Respiratory protection : Unless air monitoring demonstrates vapor/mist/dust levels are below the PEL/TLV wear a properly fitted respirator (NIOSH approved) or dust mask during exposure.

Hygiene measures : Clean long legged, long sleeved work clothes.
Handle in accordance with good industrial hygiene and safety practice.

Section 09. Physical and chemical properties

Form : Micropowder

Colour : White

Odour : Not significant

Odor Threshold : No data available

Flash point : 180 °C (356 °F)
Method: 49 (Pensky-Martens)

Ignition temperature : No data available

Lower explosion limit : No data available

Upper explosion limit : No data available

pH Value : No data available

Melting point/range : 115 °C (239 °F)

Boiling point : No data available

Vapour pressure : No data available

Evaporation rate : No data available

Density : 1.04 g/cm³

Water solubility : No data available

Partition coefficient: n-octanol/water : No data available

Relative vapour density : No data available

Section 10. Stability and reactivity

Conditions to avoid : No data available

Materials to avoid : Dust may form explosive mixture in air. Strong oxidizing agents

Hazardous decomposition products :	No data available
Chemical stability :	Stable; polymerization will not occur
Further information :	Excessive dusting may cause potentially explosive air/dust mix.

Section 11. Toxicological properties

Acute oral toxicity (Product) :	No data available
Acute oral toxicity (Component) :	Component: - Wax LD50 rat Dose: > 2,000 mg/kg
Acute dermal toxicity (Component) :	Component: - Wax LD50 no data available
Acute inhalation toxicity (Component) :	Component: - Wax LC50 no data available
Skin irritation (Product) :	No data available
Eye irritation (Product) :	No data available
Sensitisation (Product) :	No data available
Further information (Product) :	No data available

Section 12. Ecological information

Additional ecological information (Product) : There is no data available for this product.

Section 13. Disposal considerations

Further information : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

Section 14. Transport information**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15. Regulatory information

HMIS Classification : Health hazard: 1
Flammability: 1
Reactivity: 0
PPI:B

National Fire Protection Association (NFPA) Class : IIIBDose: > 2,000 mg/kg

Emergency Planning Community Right-To-Know (EPCRA)]

SARA 302 Components : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

If listed below, this product contains toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

SARA 311/312 Hazards : No SARA Hazards

Toxic Substances Control Act (TSCA)

TSCA Status : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720 30(h).

Section 4 / 12(b) : Not applicable

Clean Air Act & Related Information

Non-volatile (Wt) : Method: Not available

VOC : 0 g/l

Non-volatile information is not a specification.

Hazardous Air Pollutants

If not listed above, this product does not contain HAPs at 1% or 0.1% or greater. Refer to Section 3 for HAP weight percentage.

Section 16. Other information

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.