

Tpcm 7000PlusVersion 2.0
Document no. 130000160224Revision Date 2025/06/20
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PRODUCT AND CONTACT INFORMATION**Product identifier**

Product name : Tpcm 7000Plus
Company : Laird Technologies Taiwan Inc.
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Telephone : +886-2-22901234 ext. 123
E-mail address : ap-info@dupont.com

Emergency telephone number

Emergency contact : Transport Emergency: CHEMTREC 1-800-424-9300 (outside the U.S. 1-703-527-3887)

HAZARDS IDENTIFICATION

Emergency Overview

Warning symptoms:

May irritate skin.
May irritate eyes.
May cause irritation of the mucous membranes.
For further information see Section 11.

Physical and chemical properties

Form : solid
Color : grey
Odor : none
Water solubility : insoluble

Stability and reactivity

Conditions to avoid : Decomposes on heating. Avoid prolonged exposure at or above the recommended processing temperatures.
Incompatibility : Strong oxidizing agents Strong acids, Strong bases, reactive metals
Hazardous decomposition products : Carbon oxides, Metal oxides
Hazardous reactions : No dangerous reaction known under conditions of normal use.

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

General advice : In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). First Aid responders should pay attention to self-protection and use the recommended protective clothing. Remove from exposure, lie down.

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- Inhalation : Is not an expected route of exposure under normal conditions. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep person calm. If symptoms persist, call a physician. If unconscious, place in recovery position and get medical attention immediately. Keep respiratory tract clear.
- Skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse. Thoroughly clean shoes before reuse.
- Eye contact : If easy to do, remove contact lens, if worn. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if symptoms persist.
- Ingestion : Rinse mouth. Call a physician immediately. Do NOT induce vomiting. Place unconscious person on the side in the recovery position and ensure open airways. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

- Symptoms : May irritate skin.
- May irritate eyes.
- May cause irritation of the mucous membranes.
- For further information see Section 11.

Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Symptoms may be delayed for several hours.

FIREFIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 Dry powder, Sand
- Extinguishing media which shall not be used for safety reasons :
 Water, Carbon dioxide (CO2), Foam

Special hazards arising from the article

- Specific hazards during firefighting : Material will burn. May release toxic and/or hazardous fumes and gases. Dust may form explosive mixture in air. Do not allow run-off from fire fighting to enter drains or water courses. Avoid generating dust; fine dust dispersed in air in

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sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Advice for firefighters

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

Further information : In the event of fire and/or explosion do not breathe fumes., Evacuate personnel to safe areas.

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions : Keep unnecessary and unprotected personnel from entering. Wear suitable protective equipment. Refer to protective measures listed in sections 7 and 8. Control access to area. Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. If the material is involved in a fire, or if dusts are produced, no action shall be taken involving any personal risk or without suitable training. Avoid breathing dust.

Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water.

Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal., For disposal instructions see section 13., Large spills should be collected mechanically (remove by pumping) for disposal., Eliminate all ignition sources if safe to do so., Move it to a safe place., Do not touch spilled material., Avoid dust formation., Wet wipe or vacuum up using a high efficiency particulate air (HEPA) vacuum., Use explosion proof equipment., Do not dry sweep dust accumulation.

Other information : Dispose of in accordance with local regulations.

Reference to other sections

For personal protection see section 8., For disposal instructions see section 13.

HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling : For personal protection see section 8. Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation. Use

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personal protective equipment as required. Wash hands thoroughly after handling. Take precautionary measures against static discharges. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Avoid exposure - obtain special instructions before use. Avoid contact during pregnancy and while nursing. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not ingest. Use only with adequate ventilation/personal protection. Do not breathe dust.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition. No smoking.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in cool, dry place in original containers. Store away from incompatible materials (see Section 10). Store in a well-ventilated area away from heat and sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep tightly closed. Store in accordance with the particular national regulations.

Advice on common storage : Keep away from oxidizing agents, strongly acid or alkaline materials and amines.

Other data : Store at room temperature.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use a local and/or general ventilation system. Local exhaust ventilation should be employed to minimize airborne contamination. Use only with adequate ventilation. Any process that has the potential to generate dust should be performed using engineering controls, such as isolation, enclosures, local exhaust ventilation, wetting with appropriate solvent, or dust collection systems, to control airborne fibers and dusts below applicable limits. Use explosion-proof electrical, ventilating and lighting equipment.

Personal protective equipment

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
 Suitable respiratory equipment: Respirator with a full face mask
 Recommended Filter type: particulate prefilter

Hand protection : Material: Chemical-resistant gloves

Hand protection : Material: butyl-rubber

Hand protection : Material: Nitrile rubber

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- Hand protection : Additional protection: Protective gloves should be worn when the potential exists for prolonged or repeated skin contact.
- Hand protection : Additional protection: Request information on glove permeation properties from the glove supplier.
- Hand protection : Additional protection: Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- Eye protection : Wear safety glasses with side shields. Ensure that eyewash stations and safety showers are close to the workstation location. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.
- Skin and body protection : Wear suitable protective clothing. Wear impervious, thermal barrier/insulated clothing such as gloves, apron, boots, or whole bodysuit to prevent ANY contact with liquid or vaporizing material.
- Protective measures : Wear suitable protective equipment.

Exposure Guidelines
Exposure Limit Values

None established.

DISPOSAL CONSIDERATIONS

Waste treatment methods

- Product : Dispose of in accordance with local regulations. This material and its container must be disposed of in a safe way. Dispose of contents/container to an approved waste disposal plant in accordance with local, regional and national legislations. The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- Contaminated packaging : Since empty containers retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

OTHER INFORMATION

The information provided in this Article Information Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.