2024/04/01

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ： MILIFE®

ENEOS Techno Materials Corporation
Technical Group
Narita Plant
2700-72, Koike, Shibayama-machi,Sanbu-gun,Chiba
289-1624, JAPAN
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2. COMPOSITION/INFORMATION ON INGRDIENTS

Material ： Polyethylene Terephthalate ≧99.0%
Additives ≦1.0%

CAS No. ： 25038-59-9

Components contributing to the hazard ： Not relevant

3. HAZARD CLASSIFICATION

Not applicable to Hazards Classification Levels.
Molten plastics can cause severe burns. Processing fumed may cause irritation to the eyes, skin and respiratory tract, and in cases of sever over-exposure, nausea and headache.

4. FIRST AID MEASURES

Inhalation ： When fumes of molten material have been inhaled, move person to fresh air as quickly as possible and get medical attention.

Skin Contact ： Wash skin thoroughly with soap and water. For molten plastic skin contact, cool rapidly with water and immediately get medical attention.

Eye Contact ： Gentry rinse affected eyes with clean water and get medical attention.

Ignition ： No adverse effects believed by swallowing a small amount.
Consult physician if necessary.

5. FIRE FIGHTING MEASURES

Extinguishing Media ： Water and foam

Water is the best extinguishing medium. Carbon dioxide and dry chemical are not generally recommended because their lack of cooling capacity may permit re-ignition.

Fire Fighting ： Approved pressure demand breaking apparatus and protective clothing should be used for all fires. Water Spray is the preferred extinguishing medium.

Hazardous Combustion Products ： Hazardous combustion products may include intense heat, dense black smoke, carbon monoxide, carbon dioxide and hydrocarbon fragments.

6. ACCIDENTAL RELEASE MEASURES

Sweep material and place in a disposal container.

7. HANDLING AND STORAGE

Protect contact with skin and eyes.
Use good Industrial hygiene practices.
Store in a cool, well ventilated place away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONNAL PROTECTION

A continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended. Processing fume condensate may be a fire hazard and toxic; remove periodically from exhaust hoods, duct work and other surfaces using appropriate personal protection.

Eye Protection ： Use safety glasses. In addition, use full face shield when cleaning processing fume condensates from hoods, ducts and other surfacees.

Skin Protection ： When melt processing product wear long pants, long sleeves, well insulated gloves and face shield when applicable.

Respiratory Protection ： When processing fumes are not adequately controlled, use respirator approved for protection from organic vapors and acid gases.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and Form ： solid

Color ： white

Odor ： No odor

ph ： Not Applicable

Melting Point ： 220～260℃

Decomposition Temp. ： >300℃

Flash Point ： 390℃

Ignition Point ： 508℃

Density ： 1.33～1.42g/m3

Solubility in water ： insoluble

10. STABLITY AND REACTIVITY

Stability ： Stable under normal condition.

Reactivity： Not reactive under normal condition.

11. TOXICOLGOCAL INFORMSTION

No specific data are available.

12. ECOLOGICAL INFORMATION

No specific data are available.

13. DISPOSAL CONSIDRERATION

Preferred options for disposal are recycling, incineration with energy recovery, and landfill. The high fuel value of this product makes option nearly desirable for material that cannot be recycled. Any disposal practice must be in compliance with local state and federal laws and regulations.

14. TRANSPORT INFORMATION

Keep away from sources of ignition and oxidizing materials.

Follow all regulation in your country.

15. REGULATORY

Follow all regulation in your country.

16. OTHER INFORMATION

This information is taken from sources or based upon data believed to be reliable and current as of the data of this SDS. However, ENEOS Techno Materials Corporation makes no warranty as to the absolute correctness or sufficiency of any of the foregoing and may not be required the additional or other measures under particular conditions.