



台聚關係企業

USI CORPORATION

SAFETY DATA SHEET

1. Identification Of The Material And Company

Chemical Name : LOW DENSITY POLYETHYLENE RESINS

Trade Name : PAXOTHENE®

Main Applications : Blown film extrusion, Extrusion coating, Injection molding .

Producer Information

Supplier Name : USI Corporation

Addresses : 12th Floor, No.37 Ji Hu Road, Nei Hu District, Taipei 114, Taiwan

Phone : +886-2-87516888

2. Hazardous Identification :

Classification according to Regulation GHS : None

Classification according to Regulation (EC) No 1272/2008 : None

Contents of label : None

Other Hazards : None

Results of PBT and vPvB assessment: This information is not required.

3. Composition/Information On Ingredients

Pure substance :

Chemical Name : LOW DENSITY POLYETHYLENE RESINS

Synonyms : LDPE

Chemical Abstracts Number : 9002-88-4 (CAS No.)

EC Number : 618-339-3

Hazardous Components : None (Percentage of additives Ingredient)

4. First Aid Measures :

Emergency And First Aid Procedures :

●Eye Contact : Flush eyes with plenty of water for several minutes. Seek medical advice if pain persists.

●Inhalation : Supply fresh air . Get medical attention.

●Skin Contact : If contact with molten material, immediately immerse contacted area with cold water.

Don't attempt to peel off the molten material from skin. Get medical attention.

●Ingestion: Get medical attention.

Major Symptom And Harm Effect : None

First-Aid Personal Protection : No need

Notes to physician : expatiate symptom or phenomenon of the patient.

5. Fire Fighting Measures

Suitable Extinguishing Media : Water, carbon dioxide, dry chemical

Special Exposure Hazards : Product is supplied as pellets. If product is milled ,dust may be explosive.

Special Extinguishing Procedure :

1. Stand on the up-wind side, then apply fire extinguisher to cover the fire area thoroughly.

2. If possible, remove the remaining pellets or goods to a safe location.

Appropriate protective fire fighting clothing and respirator are necessary for firefighters.

6. Accidental Release Measures

Personal Protection : It may be slippery.

Environmental Protection : Do not flush into surface water or sanitary sewer system.

Methods For Cleaning Up : Stop leak and shovel into container for disposal.

7. Handling And Storage :

Handling : Before using, read the Product Data Sheet. Use in well-ventilated area.

Storage : Keep in a dry, cool place. Do not store in heat or direct sunlight.

Keep container tightly closed when not being used.

Specific end uses: None



台聚關係企業

USI CORPORATION

SAFETY DATA SHEET

8. Exposure Control/Personal Protection

Engineering Control : Ventilated area.

OSHA Exposure Limits

PEL-TWA(Time Weighted Average):None established

PEL -C(PEL ceiling): None established

ACGIH Exposure Limits

TLV-TWA(Time Weighted Average) : None established

TLV-STEL (Short Time Exposure Limit) : None established

DNEL: The product is exempt from REACH registration

PNEC:The product is exempt from REACH registration

Environmental exposure controls:No special environmental precautions required

Personal Protection Equipment :

●Respiratory Protection : Use dust-proof mask.

●Hand Protection : Use rubber gloves. Use thermal resistant gloves, when needed.

●Eye Protection : Use safety goggles, when dust is present.

●Skin & Body Protection : Long sleeve coats and gloves to protect skin exposure.

Hygiene Procedures : None

9. Physical And Chemical Properties / Characteristics

Appearance : Solid pellets

Odor threshold : Not applicable

Melting Point : 98~111℃

Inflammability : Not applicable

Decomposition Temperature : Not applicable

Autoignition Temperature : 340℃

Vapor Pressure : Not applicable

Density: 0.910 ~ 0.930

Partition coefficient(n-octanol/water,iog Kow) :

Not applicable

Odor : negligible

PH value : Not applicable

Boiling Point/ Boiling Range : Not applicable

Flash Point : > 340 °C

Test Method : Open Cup ☒ Close Cup

Exposure Limits : Not applicable

Vapor Density : Not applicable

Solubility In Water : Insoluble

Volatility Speed : Not applicable

10. Stability And Reactivity :

Reactivity:Stable under normal conditions of handling, use and transportation

Stability : Stable

Special Conditions Of Hazardous Reaction : Not applicable

Conditions To Avoid : Avoid heating above the recommended processing temperature.

Incompatibility : Might react with strong oxidant.

Hazardous Decomposition Products : CO,CO2 and a wide variety of innocuous or toxic fumes.

11. Toxicological Information :

Routes of exposure : Skin, eyes, inhalation and ingestion

Immediate effects:

●Eye :Solid or dust may cause irritation or corneal injury due to mechanical action.

●Inhalation : Vapors released during thermal processing may cause respiratory irritation.

●Skin Contact : No skin irritation.

●Ingestion : Essentially non-toxic based on components.Unable to digest.

Other :

Carcinogenicity :None

Acute toxicity : None

Chronic toxicity : None



台灣關係企業

USI CORPORATION

SAFETY DATA SHEET

12. Ecological Information

Ecological Toxicity : Difficult to biodegrade. It can be recycled with appropriate technologies.

Sustainable and De-toxic : hard to naturally degrade.

Ecologic Accumulation : None

Liquidity in Soil : None

Results of PBT and vPvB assessment : This information is not required.

Other poor Effect : Improper burning may generate hazardous gas.

13. Disposal Information :

Disposal Information : Dispose of waste material at an approved waste incineration facility in accordance with applicable regulations.

14. Transport Information

The United Nations Number(UN-No) : Not regulated

The United Nations Shipping Name : Not regulated

D.O.T. Hazard Class : Not regulated as a hazardous for transportation.

Package Category : Not regulated

Maritime Pollutants : Not regulated

Special Transport Way And Note : Not regulated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : Not applicable.

15. Regulatory Information :

Low Density Polyethylene(CAS#9002-88-4) is listed in the following chemical inventories:

-USA-TSCA

-Canada-DSL

-European EINECS are exempt from the listings, all monomers are listed.

-Australian AICS

-Philippines PICCS

-Chinese Inventory of Existing Chemical Substances

-Taiwan Toxic Chemical Substance Control Act (TCSCA)

16. Other Information :

Reference : None

Producer : USI Corporation

Revision date : 2018/01/18

The information provided in this Safety Data 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.