



**1. Identification Of The Substance / Preparation And Company**

Product Information : LOW DENSITY POLYETHYLENE RESIN

Product Number : PAXOTHENE<sup>®</sup>

Application and Restriction : Blown film,Injection molding,Lamination.

Information On Producer/ Supplier Name : USI Corporation

Addresses :12th Fl., No.37 Ji Hu Road,Nei Hu, Taipei, 114

Phone :(02)2609-4192

Emergency Phone / Fax : (02)2609-4192/(02)2609-5270

**2. Hazard Identification :**

Hazard category : None

Contents of indication : None

Else Hazard : None

**3. Composition/Information On Ingredients**

**Single :**

English Name : LOW DENSITY POLYETHYLENE RESIN

Synonyms : LDPE

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

Hazardous Components( Percentage For Chemical Ingredient) : None

**Mixing :**

Chemical Character :

Hazardous Components	Concentration / Percentage
None	---

**4. First Aid Measures :**

Emergency And First Aid Procedures :

●Eye Contact : washing with big amount of water, if pain is lasting call a physician.

●Inhalation : If symptoms are experienced, move victim to fresh air

●Skin Contact : If skin contact at application temperature, immediately immerse contacted area in cold water to reduce temperature and relieve pain. Do not attempt to peel adhesive from skin.

Call a physician.

●Ingestion : No action is necessary unless large amounts are ingested.

Major Disease And Harm Effect : None

First-Aid Personal Protection : No need

Prompt To Doctor : let medic worker know the symptom of ingesting



**5. Fire Fighting Measure**

Suitable Extinguishing Media : Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturer's recommended technique.

Special Exposure Hazards : Dust may form explosive mixtures with air.

Special Extinguishing Procedure : 1.prevent from standing on the way of smoke, then use extinguisher correctly to sweep the area side to side.2.move the other un-fired pellets or goods away safely.  
3.firefighter needs to wear appropriate retardant shelter and inspirator.

**6. Accidental Release Measures**

Personal Protection : None

Environmental Protection : None

Methods For Cleaning Up : Use the standard disposal procedure to clean the leakage, if a large amount leakage occur that might pollute the environment, it is necessary to announce the local administration.

**7. Handling And Storage :**

Handling : Keep material off walking surfaces, it may create a slipping hazard. Use in well-ventilated area. Ground and bond equipment to prevent electrostatic charge when transferring product.

Storage : Store in a cool location (60~80 °F, 15~26°C) away from sunlight and any source of heat. Keep container tightly closed when not being used.

**8. Exposure Control/Personal Protection**

Engineering Control : Ventilate area to prevent accumulation of dust and fumes.

Control Factor : TWA/STEL/CEILING/Biotic Index (BEI):----

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 : No precautions other than clean body-covering clothing should be needed.

Hygiene Procedures : None

**9. Physical And Chemical Properties / Characteristics**

Appearance : Solid	Odor : negligible
Odor threshold : ----	PH value : Not applicable
Melting Point : 98~111°C	Boiling Point/ Boiling Range : Not applicable
Inflammability : Not applicable	Flash Point : °F 350 °C
Decomposition Temperature : >400°C	Test Method : Open Cup Close Cup
Spontaneous Temperature : 340°C	Exposure Limits : Not applicable
Vapor Pressure : Not applicable	Vapor Density : Not applicable
Density: 0.900~0.930	Solubility In Water : Insoluble
Partition coefficient(n-octanol/water,iog Kow) : ---	Volatility Speed : ---

**10. Stability And Reactivity :**

Stability : Stable

Special Conditions Of Hazardous Reaction : Will not occur.

Conditions To Avoid : Temperature over 250 °C

Incompatibility : Strong oxidizers.

Hazardous Decomposition Products : carbon monoxide, carbon dioxide and a wide variety of innocuous or toxic fumes.

**11. Toxicological Information :**

Way of Exposure : it might cause the respiratory system uncomfortable while inhaling the dust or smog.

Symptom : None

Acute : None

Chronic Toxicity : None

**12. Ecological Information**

Ecological Toxicity : Difficult to biodegradable. It can be recycled using suitable technologies.

Sustainable and De-toxic : Difficult to nature degrade.

Ecologic Accumulation : None

Liquidity in Soil : None

Other poor Effect : To burn them arbitrarily might generate hazardous gas.

**13. Disposal Information :**

Disposal Information : Dispose of waste material at an approved waste incineration facility in accordance 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

Package Category : Not regulated

Maritime Pollutants : Not regulated

Special Transport Way And Note : Not regulated

**15. Regulatory Information :**

Apply Regulation : None

**16. Other Information :**

Reference : None

Unit : USI Corporation

Addresses/Phone:12th No.37, Ji Hu Rd., Nei Hu Distr., Taipei 114 /(02)26094190

Make People : Professional Post: Technical Service Manager Name(Sign) : C.L.Liu

Make Date 2008/11/1