

## Safety Data Sheet

### Section 1: Identification

Product Name : **TAISOX 3470**  
Synonyms : **Polyethylene Homopolymer**  
CAS Number : **9002-88-4**  
Product Use : **According to manufacturer's directions. Compounding.**  
Manufacturer/Supplier : **Formosa Plastics Corporation**  
Address : **Formosa Industrial Park No.1, Mailiao, Yunlin county, Taiwan**

General Information : **+886-5- 6811180**  
Transportation Emergency Number : **+886-5- 6811180**

### Section 2: Hazard(s) Identification

- Referring to EEC directive 88/379, the material is classified NOT DANGEROUS
- Main personal hazards
  - Fire : Combustion products: Carbon dioxide, water. In case of incomplete combustion: carbon monoxide, hydrocarbons, aldehydes, ketones and acetic acid may be developed.
  - Slipping in case of spillage/leakage : scoop to container to avoid danger of skidding
  - Hazard of contact with molten polymer : If molten polymer gets on skin, cool rapidly with cool water. Burns have to be treated clinically. EYES : Wash abundantly with water.
- Powders have specific fire risks
- Environment: Lack of biodegradability

### Section 3: Composition/Information on Ingredients

Technical name : Linear Low Density Polyethylene,LLDPE

Chemical name : Polyethylene Homopolymer

Ingredient percent(%) : LLDPE≥98.85% · Other≤1.15%

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

Symbol of the basic polymer against standard ISO 1043-1 : PE-LLD

Dangerous components : NONE

### Section 4: First-Aid Measures

Skin : If molten polymer gets on skin, cool rapidly with cool water. Burns have to be treated clinically.

Eyes : Wash abundantly with water

### Section 5: Fire-Fighting Measures

Suitable Extinguishing Media : Water, Water fog, CO2, Foam or dry extinguishers

Exting. Media to be avoided : NONE

Combustion products : Carbon dioxide, water. In case of incomplete combustion: carbon, monoxide, hydrocarbons, aldehydes, ketones and acetic acid may be developed.

### Section 6: Accidental Release Measures

None

### Section 7: Handling and Storage

- During the processing of the material, avoid inhalation of fumes, or powders, by providing good ventilation of the workroom and, if necessary, they have to be trapped by intake in an effective manner. If these measures are taken, traces of aldehydes or ketones which may arise during the process, will remain under the TLV/TWA value. Avoid dispersion of dust in air to reduce potential for ignition or explosions.
- Storage : Out of direct sun, in well ventilated, cool and dry places
- Fire precautions : Equipment must be earthed, to avoid static electric charges. Any contact with flame or hot surface must be avoided.

### Section 8: Exposure Controls/Personal Protection

Use gloves, goggles or eyeshade and normal working equipment. In case of powder, avoid inhalation.

### Section 9: Physical and Chemical Properties

Appearance : Solid	Form : Pellet
Color : Translucent	Odor: none
Specific Gravity : 0.915-0.935 g/cm <sup>3</sup>	Boiling Point : N/A °C
Auto-ignition Temperature : ca.340°C	Flash Point : 570 °F 300 °C
Decomposition Temperature : > 400°C	Test Method : Close Cup
Vapor Pressure : (Below) mmHg@20°C	Solubility in Water : Negligible

### Section 10: Stability and Reactivity

Stable and chemically inert at room temperature. Protracted exposure to temperature over 250°C may cause resin degradation.

### Section 11: Toxicological Information

Exposures limits for the monomer have not been fixed. Avoid exposure to fume, eventually developed during the process, by intake and/or efficient ventilation of the working rooms.

TWA(ACGIH) for dust = 5 mg/m<sup>3</sup>

### **Section 12: Ecological Information\* (non-mandatory)**

The product is not biodegradable. It can be recycled using suitable technologies. It does not contain, as additives, compounds of lead, mercury, cadmium and chromium. It does not contain asbestos, CFC, HCFC, haloes. It is not a water endangering material. It is very slowly degraded by solar UV irradiation.

### **Section 13: Disposal Considerations\* (non-mandatory)**

Disposal must be done in accordance with existing regulations. Landfilling and incineration can be considered in most cases suitable. Recycling is possible by melting and pelletizing.

### **Section 14: Transport Information\* (non-mandatory)**

According to RIR-ADR, IMO, IATA, IMDG, FS A11 the product is not dangerous. On loading and unloading, equipment must be earthed to avoid static electric charges.

### **Section 15: Regulatory Information\* (non-mandatory)**

None

### **Section 16: Other Information**

The information provided is given in good faith and is based on our actual knowledge.

This is not a technical sheet for use of the product.

This sheet does not exempt the user from knowing and applying all the relevant regulations and from taking all the relevant safety precautions.

Revision: 2014.03.06

\*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15(29 CFR 1910.1200(g)(2)).

HENRY SCHEIN PRIVATE LABEL PRODUCTS by this material

HS Part #

Description

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**DENTURE BOXES SERIES**

900-4013	DENTURE BOXES BEIGE (12 PCS/BAG)
900-4015	DENTURE BOXES MAUVE (12 PCS/BAG)
900-4016	DENTURE BOXES BLUE (12 PCS/BAG)
102-7476	DENTURE BOXES WHITE (12 PCS/BAG)
102-7377	DENTURE BOXES ASSORTED (12 PCS/BAG)