

# Safety Data Sheet (SDS)

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## 1. Product and Company Identification

Product Information : EMPILON <sup>®</sup> Hydrogenated Thermoplastic Rubber (HTPR)	
Product Number : <b>HT series</b>	
Information on Producer/Supplier Name : Hotai Industrial CO.,LTD. Address : 352, Sec. 2, Zhongshan E. Rd., Xinwu Dist., Taoyuan City 32741, Taiwan , R.O.C. Phone : 886-3-4904506	
Emergency Phone : 886-3-4904506	Fax : 886-3-4205294

## 2. Hazards Identification

Classification of The Substance or Mixture : According to the Globally Harmonized System (GHS) and Regulation (EC) No 1272/2008, the product is not classified as hazardous.
Label Elements : Symbols : -- Signal word : -- Hazard Statements : Chemical Hazard : At elevated temperatures product will begin to decompose, producing fumes that can contain carbon dioxide and monoxide, aldehydes, ketones and so on. Physical Hazard : The product spilled on walking surfaces constitutes a slipping hazard. Environment Effect : Hard to decompose. Health Effect : 1. Ingestion : May cause choking if swallowed. 2. Inhalation : Product is not expected to cause irritation to the nose, throat or respiratory tract. Process vapors may cause respiratory tract irritation. 3. Eye contact : Product is practically nonirritating to the eyes. Process vapors may irritate eyes. 4. Skin contact : Product is nonirritating to the skin. But contact with molten product may cause thermal burns. Precautionary statements : -- Other Hazards : --

## 3. Composition/Information on Ingredients

Mixture :			
No	Major Component	CAS No	EC No
1	Styrenic Block Copolymer	66070-58-4	--
2	Process Oil (White oil, Mineral oil)	72623-85-9	232-384-2
3	Polypropylene	9010-79-1	--
4	Antioxidant	6683-19-8	229-722-6

Hazardous Components :				
No	Chemical Name	CAS No	EC No	wt%
	<b>None</b>	--	--	--

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## 4. First Aid Measures

First Aid of Different Exposure : Ingestion : -- Inhalation : Remove to the fresh air place. If rapid recovery dose not occur, obtain medical attention. Eye Contact : Flush eyes with water. If irritation occurs, get medical attention. Skin Contact : If contact with molten product occurs, treat as for ordinary burns.
Major Disease and Harm Effect : --
First-Aid Personal Protection : --
Prompt to Doctor : --

## 5. Fire Fighting Measures

Suitable Extinguishing Media : Use dry chemical powder, carbon dioxide, regular form or water spray.
Special Exposure Hazards : --
Special Extinguishing Procedure : Standard procedures for Class A fires.
Special Protection Equipment : --

## 6. Accidental Release Measures

Personal Precaution : Wear appropriate respiratory protection and protective clothing.
Environmental Protection : --
Method for Cleaning Up : Shovel and sweep up. Put into containers for reclaiming or disposal.

## 7. Handling and Storage

Handling : The product has a tendency to accumulate static charge during transport, handling and processing. Take precautionary measures against static discharges. Earth/ground all equipment.
Storage : Store in cool, dry place.

## 8. Exposure Controls and Personal Protection

Engineering Control : Adequate ventilation must be employed in high temperature processing .								
Control Parameters :								
<table border="1"><thead><tr><th>TWA</th><th>STEL</th><th>Ceiling</th><th>BEIs</th></tr></thead><tbody><tr><td>--</td><td>--</td><td>--</td><td>--</td></tr></tbody></table>	TWA	STEL	Ceiling	BEIs	--	--	--	--
TWA	STEL	Ceiling	BEIs					
--	--	--	--					
Personal Protection Equipment : Respiratory Protection : Use a NIOSH-approved respirator or atmosphere-supplying respirator as required to prevent overexposure. Hand Protection : Use gloves. Eye Protection : Use safety glasses or chemical goggles. Skin and Body Protection : Protective clothing should be worn when product is heated in processing.								

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Hygiene Procedures : Keep clear for the working place.

## 9. Physical and Chemical Properties

Physical state : Solid / Pellet	Odor : Essentially Odorless
Color : Translucent	Odor Threshold : --
pH Value : --	Melting Point : 150°C
Initial boiling point and boiling range : --	Flash Point : --°C
Evaporation rate : --	Flammability (solid, gas) : --
Exposure Limits : --%	Vapor Pressure : --
Vapor Density : -- (Air=1)	Specific Gravity : <1 (H <sub>2</sub> O=1)
Solubility in Water : Negligible g/L	N-octanol / water partition coefficient (log K <sub>ow</sub> ) : --
Spontaneous Temperature : --°C	Decomposition Temperature : 250°C

## 10. Stability and Reactivity Data

Stability : Stable
Special Conditions of Hazardous Reaction : Degradation at high temperature.
Conditions to Avoid : Avoid elevated temperature in storage for prolonged periods of time. In processing, do not allow the temperature to exceed 220 °C.
Materials to Avoid : Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products : Carbon dioxide and monoxide, aldehydes and ketones

## 11. Toxicological Information

Routes of Exposure : --
Symptoms : --
Acute Toxicity : Inhalation : -- Skin : -- Eye : -- Ingestion : --
Chronic Toxicity or Long Term Toxicity : --
Exceptional Effect : --

## 12. Ecological Information

Ecotoxicity : --
Persistence/Degradability : Hard to decompose.
Bioaccumulation : --
The Soil Mobility : --
Other Adverse Effects : --

## 13. Disposal Considerations

Waste Disposal Methods : Recover or recycle if possible, otherwise incineration, otherwise licensed landfill.
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## 14. Transport Information

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United Nations Number (UN-No.) : --
UN Proper Shipping Name : --
Transport Hazard Class(es) : --
Packing Group : --
Marine Pollutant (Yes / No) : No
Special Transport Way and Note : --

## 15. Regulatory Information

Apply Regulation : --
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## 16. Other Information

Make Unit	Name : Hotai Industrial CO.,LTD.	
	Address/Telephone : 352, Sec. 2, Zhongshan E. Rd., Xinwu Dist., Taoyuan City 32741, Taiwan , R.O.C. / 886-3-4904506 Ext. 280	
Make People	Position : Supervisor	Name : C.G.Chen
Make Date	2016/08/01	
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