



Melbourne Packaging Supplies PTY LTD
 Unit 3, No. 7 Eastspur Court,
 Kilsyth 3137
 Ph: 03 9761 7970
 A.B.N 43 005 605 952 A.C.N 005 605 952
mps@melbpack.com.au

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF PRODUCT AND COMPANY			
Product Name	Polypropylene Strapping Band		
Specification	12mm*3000m, 19mm*1000m, 15mm*1000m, 12mm*1000m coloured strapping		
SYNONYMS	PP Strapping Band		
MANUFACTURER	[undisclosed]		
Creation Date	26-10-20		
COMPOSITION/INFORMATION ON THE COMPONENTS			
Compositio n	Cont (%)	Product. No	Manufacturer
Poly Propylene	97%	H430	GS Caltex
CALPET	2.50%	CALPET-FP	Hyochang Industrial Co.
Color Powder	0.50%	Depending on color	Kyungham Chemical

HAZARDS IDENTIFICATION

PHYSICAL AND CHEMICAL HAZARDS / FIRE AND EXPLOSION HAZARDS

- . Low Hazard. Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point.
- . Decomposes. Flammable / toxic gases will form upon decomposition.
- . Toxic gases will form upon combustion.
- . Dust. Material in form of dust is subject to explosions.
- . Static Discharge. Product can accumulate static charges which can cause an incendiary electrical discharge.

FIRST AID MEASURES

INHALATION:

.In case of adverse exposure to vapors and/ or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure.

.Call for prompt medical attention.



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SKIN CONTACT:

. First aid is normally not required. Exposure to molten resin may cause thermal burns.

EYE CONTACT/ INGESTION :

. First aid is normally not required. Process vapors may irritate eyes.

. Flush eyes with water for 15 minutes. Get medical attention.

FIRE-FIGHTING MEASURES

FIRE FIGHTING PROCEDURES:

. Use water spray to cool fire exposed surfaces and to protect personnel.

. Extinguish the fire by cooling with water spray.

SPECIAL FIRE PRECAUTIONS:

. Respiratory and eye protection required for fighting personnel.

HAZARDOUS COMBUSTION PRODUCTS:

. Carbon Monoxide (CO), carbon dioxide, and unidentified organic compounds.

ACCIDENTAL RELEASE MEASURES

AFTER SILLAGE/LEAKAGE:

Sweep, shovel, vacuum into container for disposal or reuse.

HANDLING AND STORAGE

PRECAUTIONS:

.Keep away from excessive heat and open flame.

EXPOSURE CONTROLS/PERSONAL PROTECTION



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ENGINEERING CONTROL MEASURES

.Local exhaust ventilation of process equipment may be needed to control aerosol exposures to below the recommended threshold exposure limit.

PERSONAL PROTECTION

Where contact may occur, wear safety glasses with side shields.

.Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and face shield.

.Where processing this material. Adequate ventilation is required.

The use of local exhaust ventilation is recommended to control process emissions near the source.

.Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

PHYSICAL AND CHEMICAL PROPERTIES		
THESE ARE INDICATIVE VALUES ONLY. PLEASE REFER ALSO TO THE PRODUCT SPECIFICATION SHEET.		
PHYSICAL STATE : Solid		
APPEARANCE		Translucent to white pellets
ODOUR	-	Slight waxy odour
FREEZING POINT	°C	Not applicable
MELTING POINT	°C	>160
BOILING POINT RANGE	°C	Not applicable
FLASH POINT	°C	> 329
AUTOIGNITION TEMPERATURE	°C	> 357
VAPOR PRESSURE	kPa	Not applicable
SPECIFIC GRAVITY	g/cm ³	0.88 - 0.92
SOLUBILITY IN WATER	wt.%	Insoluble
VISCOSITY	cSt	NOT available
MOLECULAR WEIGHT	-	NOT available
DENSITY	g/cm ³	Not Determined
STABILITY AND REACTIVITY		



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HAZARDOUS POLYMERIZATION?	no
CONDITIONS TO AVOID	Keep away from heat, sparks and flame.
POLYMERIZATION:	Product will not undergo polymerization.
HAZARDUS DECOMPOSITION PRODUCTS:	At elevated temperatures the material will begin to decompose, producing fumes that can contain carbon dioxide, carbon monoxide, ketones, acrolein, aldehydes, unidentified organic compounds.
INCOMPATIBLE MATERIALS:	Oxidizing materials.

TOXICOLOGICAL INFORMATION

ACUTE:

and respiratory tract.

SKIN CONTACT: .Negligible hazard at ambient temperature(-18 to 38°C)
.Particulates may scratch eye surfaces/ cause mechanical irritation.

INGESTION : .Minimal toxicity

CHRONIC:

INHALATION: .Negligible hazard at ambient temperature(-18 to 38°C)
.Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes

None known

DISPOSAL CONSIDERATIONS

The following advice only applies to the product as supplied.

Combination with other materials may well indicate another route of disposal.

Care should in any case be taken to ensure compliance with EC, national and local regulations.

Suitable routes of disposal of this product are incineration in appropriate incinerators with energy recovery, disposal in landfills or appropriate recycling methods.

TRANSPORTATION INFORMATION

LAND (railroad/road, such as RID/ADR)

ADR/RID CLASS. ITEM: None

EMPTY CONTAINERS:

DANGE LABEL:

MAX. KG EXEMPT:

TRANSPORT DOCUMENT NAME:

INLAND WATERWAYS (such as AND/R)

AND/R CLASS, ITEM: None

TREMCARD NO:

SEA (IMDG)

UN NUMBER :0000

IMO CLASS: None

IMDG CODE PAGE NO:

EMS NUMBER:

MFAG NUMBER:

MARINE POLLUTANT: NO

PACKAGING GROUP:

RISK LABEL:

SUBSIDIARY RISK:

PROPER SHIPPING NAME:

AIR (ICAO/IATA)

ICAO/IATA CLASS :None

PASSENGER PACKING INSTRUCTION:

PASSENGER MAX. QUANTITY / PACK:

CARGO PACKING INSTRUCTION:

CARGO MAX. QUANTITY /PACK:

ANGER NUMBER:

UBSTANCE ID NUMBER:

TREMCARD (ROAD)

REGULATORY INFORMATION

This material is not considered hazardous under the OSHA Harzad Communication

CLASSIFICATION AND LABELLING ACCORDING TO EEC DIRECTIVES

CLASSIFICATION/SYMBOL : Not regulated

GOVERNING DIRECTIVE: According to the EEC directives, the product does not require classification and labelling

Standard CFR Title 29, part1910.1200 or the WHMIS Canadian legislation.

OTHER INFORMATION

Note 1

- Always ensure adequate ventilation of the workplace.
- Local exhaust ventilation of process equipment may be needed.
- Avoid breathing vapors or fumes.

Note 2

- Incorrect operation of processing equipment can cause thermal degradation of the polymer and a potential danger through inclusion of bubbles of air or other gases in material subsequently subjected to high temperatures.

Note 3

- Avoid sources of ignition such as heat or flames.
- Avoid accumulation of dust or dust clouds. Airborne dust may explode if ignited.
- Operate handling and storage systems leak free.
- Do not store near strong oxidants.

Note 4

- Spilled pellets can present a slippage hazard on hard surfaces.
- Practise good housekeeping.

ISSUED BY-Hyundai Petrochemical Company R&D CENTER-Chungnam, Korea

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF HYUNDAI PETROCHEMICAL COMPANY'S KNOWLEDGE AND BELIEVED ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

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