

Safety Data Sheet

Sterilisation Pouches



1. Identification of the substance / Preparation and Company Information

Product name:	Sterilisation Pouches (Laminate Film)
Article no.:	412XXX and 413XXX
Chemical family:	Polyethylene (PET), Polypropylene (PP)
Chemical name:	Co-extruded Polypropylene Cast Film
Purpose:	For steam and gas sterilization of medical instruments and devices
Name of supplier:	Eagle Protect
Address of supplier:	EPIC, Unit 5 76 -106 Manchester St Christchurch Central 8011
Telephone:	0800 633 468
Fax:	0800 633 467
E-mail:	info@eagleprotect.co.nz
Website:	www.eagleprotect.co.nz
Emergency telephone:	In the case of an emergency please call 111.

2. Hazards Identification

Hazards identification:	Possible production of electrostatic charges when used. Spilled clean up and sweep up to avoid slipping hazard.
Classification of the substance according to Directive 67/548/EEC or Directive 1999/45/EC:	Not a hazardous product.
Labelling according to EU guidelines:	No information available.
Risk phrases:	No information available.
Safety phrases:	No information available.

3. Composition/Information on ingredients

Chemical name	Conc.	CAS	EC No.	Classification 67/548/EEC
1. Polyethylene Terephthalate Film (PET Film)				
	HOCH ₂ CH ₂ [OCOC ₆ H ₄ COOCH ₂ CH ₂] _n OH			
2. Coextruded Polypropylene Cast Film (PP Film)				
	H (C ₃ H ₆) _n H			

4. First Aid Measures

General information:	N/A – see below.
After inhalation:	No emergency care anticipated under normal handling. If exposed to fumes from overheating or from combustion, remove to fresh air.

After skin contact:	No emergency care anticipated. Seek medical advice.
After eye contact:	No emergency care anticipated. Seek medical advice.
After swallowing:	No emergency care anticipated. Seek medical advice.

5. Firefighting Measures

Extinguishing Media:	Water, Foam, Dry Chemical, CO ₂
Special hazards arising from the substance:	Combustible product – ignition temperature >400°C.
Decomposition Products:	The formation of hydrocarbons and aldehydes are possible in the initial stages of a fire (especially between 400°C and 700°C).
Protective equipment:	Full protective clothing. Self contained breathing apparatus, if exposed to fumes.

6. Accidental Release Measures

Personal precautions:	See section 5 – Fire Fighting Measures, and section 7 – Handling and Storage, before action.
Environmental precautions:	Not required
Methods and material for containment and cleaning up:	Collect and forward for disposal.

7. Handling and Storage

Precautions for safe handling:	Do not breathe vapors or fumes that may be evolved during processing. Avoid skin contact with sharp film edges. Unwinding, winding and passage of film through and over rollers will tend to generate a surface electrostatic charge.
Fire and explosion protection:	See section 8 below. Store away from heat and sources of ignition.
Requirements to be met by storerooms and receptacles:	Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Recommended storage temperatures are 5°C to 40°C.
Information about storage in one common storage facility:	N/A
Further information about storage conditions:	N/A

8. Exposure controls/personal protection

Additional information about design of technical facilities:	
Ingredients with limit values that require monitoring at the workplace: (WEL=Workplace Exposure Limit)	N/A
Engineering Controls:	General exhaust is acceptable except where overheating can occur during processing. High temperature operations may require use of local exhaust ventilation. Movement of film over metal or rollers will produce a surface static charge on the film. Consider processing design and

	procedures that will reduce or dissipate this charge, and eliminate the possibility of unwanted electrical discharge to people, equipment and materials.
Personal protective equipment:	No need for special personal protection under normal use
General protective and hygienic measures:	Do not eat or drink while working. No smoking. Provide system for collecting the vapours that are created during the working process.
Respiratory protection:	N/A
Protection of hands:	N/A

9. Physical and Chemical Properties

Appearance:	Film
Form:	Solid
Colour:	Blue
Odour:	Odourless
pH Value:	N/A
Melting point:	160-170°C
Boiling point:	N/A
Flash point:	N/A
Flammability (solid, gaseous)	N/A
Ignition temperature:	>400°C
Self-igniting:	N/A
Danger of explosion:	N/A
Explosion limits:	N/A
Vapour pressure at 20°C	N/A
Density:	N/A
Breaking Point:	N/A
Elongation Raths:	N/A
Solubility in water:	Negligible
Segregation coefficient (n-octanol /water):	
Viscosity Dynamic: Kinematic:	N/A
Polymerisation:	N/A
Solvent content:	N/A
Solids content:	N/A

10. Stability and Reactivity

Thermal decomposition/conditions to be avoided:	Stable
Incompatibility/Materials to Avoid:	Instability or hazardous polymerization with high temperature, direct sunlight, or radiation irradiation. Strong acids and alkalis, oxidizing agent.
Hazardous Decomposition Products:	Hazardous gases and vapours can be released, including carbon monoxide, aldehydes and alcohols.

11. Toxicological Information

Acute toxicity:	N/A
Chronic Toxicity:	N/A
Primary irritant effect On the skin: On the eyes:	N/A
Sensitization:	N/A
Additional toxicological information:	N/A

12. Ecological Information

Aquatic toxicity:	This material has not been tested for environmental effects.
Persistence and degradability:	N/A
Behaviour in environmental systems:	N/A
Bio accumulative potential:	N/A
Ecotoxicological effects:	N/A

13. Disposal Considerations

Waste treatment methods recommendations:	Dispose of in accordance with local environmental control regulations. Recycling and reclamation encouraged where possible according to local government regulations.
Uncleaned packaging recommendations:	As above.

14. Transport Information

General:	Not classed under dangerous substances regulations.
UN Number:	N/A
Transport hazard class:	N/A
Tunnel Restriction Code:	N/A
Packing group:	N/A
Environmental hazards:	N/A
Special precautions for user:	N/A

15. Regulatory Information

Labelling:	N/A
Hazard designation of product:	Not a hazardous product.
Transport hazard class:	N/A
Hazard components of labelling:	N/A
Risk phrases:	N/A
Safety phrases:	N/A
Special labelling:	N/A

16. Other Information

Issued by:	Health & Safety
Revision date:	22 July 2016

DISCLAIMER

This information is based on presently available data and knowledge. It describes the product related to the appropriate safety precautions.

The information contained in this SDS has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Eagle Protect disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.

Safety Data Sheet

Sterilisation Pouches

1. Identification of the substance / Preparation and Company Information

Product name:	Sterilisation Pouches (Medical Grade Paper 60gsm)
Article no.:	412XXX and 413XXX
Chemical family:	
Chemical name:	
Purpose:	For steam and gas sterilisation of medical instruments and devices. Allows instruments to remain sterilised until time of use.
Name of supplier:	Eagle Protect
Address of supplier:	2B Lock Crescent Hillsborough Christchurch 8022
Telephone:	0800 633 468
Fax:	0800 633 467
E-mail:	info@eagleprotect.co.nz
Website:	www.eagleprotect.co.nz
Emergency telephone:	In the case of an emergency please call 111.

2. Composition/Information on ingredients

Chemical name	Conc.	CAS	EC No.	Classification 67/548/EEC
Medical Grade Paper	60gsm			
Additional information:	N/A			

3. Hazards Identification

Classification of the substance according to Directive 67/548/EEC or Directive 1999/45/EC:	Not determined
Labelling according to EU guidelines:	N/A
Risk phrases:	N/A
Safety phrases:	N/A

4. First Aid Measures

General information:	Medical conditions not generally aggravated by exposure – not determined. Signs of over exposure include respiratory, eye and skin irritation.
After inhalation:	TLV (Threshold Limit Value) = 10mg/m ³ of inhalable dust (French Labour Code Article R4222-10, - decree 2008-244 dates 07/03/08).
After skin contact:	Irrigate with water.

After eye contact:	Irrigate with water.
After swallowing:	N/A

5. Firefighting Measures

Extinguishing Media:	Water, foam, dry chemical, sand, CO ₂ .
Special hazards arising from the substance:	Carbon dioxide, Carbon Monoxide.
Auto ignition temperature:	232°C (449°F)
Explosion limit (%):	Not available.
Combustion Products:	Carbon Dioxide (CO ₂), Carbon Monoxide (CO).
Decomposition Products:	N/D
Protective equipment:	Full protective clothing, self-contained breathing apparatus.
Other recommendations:	Avoid dust formation in workshop environment.

6. Accidental Release Measures

Personal precautions:	N/A
Environmental precautions:	Heavy metals content (Hg/Pb/Cd/Cr ⁶⁺) sum <100ppm as required in 'Packing and Packaging' waste directive 94/62/CE.
Methods and material for containment and cleaning up:	N/A

7. Handling and Storage

Precautions for safe handling:	Use lifting equipment adapted to the roll weight. Carry the heaviest/ biggest boxes or reams with a second person. Take care with the border of the film that can be a cut hazard – wear gloves.
Fire and explosion protection:	High temperatures, ignition sources, strong light.
Requirements to be met by storerooms and receptacles:	Make sure that the product can be stocked under safe conditions by checking material has not been damaged during transport. Ensure safety storage of goods, in particular ensure that the height, the weight, and the stacking of the reels do not procure any hazard. Leave suitable space for the forklift to operate in safe conditions. Store in a clean dry and ventilated area.
Information about storage in one common storage facility:	As above.
Further information about storage conditions:	As above.

8. Exposure controls/personal protection

Additional information about design of technical facilities:	N/A
Ingredients with limit values that require monitoring at the workplace: (WEL=Workplace Exposure Limit)	N/A
Personal protective equipment:	See below.
General protective and hygienic measures:	Provide ventilation that meets TLV regulation regarding dust.

Respiratory protection:	If appropriate ventilation is not available use a face mask when handling. Recommended if excessive dust concentration.
Hand protection:	Wear gloves. Material design for a limited duration contact (<24hrs) with skin.
Eye protection:	Use safety glasses to avoid contact with foreign bodies.

9. Physical and Chemical Properties

Appearance:	Paper-like
Form:	Solid
Colour:	White
Odour:	Odourless
pH Value:	Not available
Melting point:	Not available
Boiling point:	Not available
Flash point:	Not available
Evaporation rate (Butyl acetate = 1):	Not available
Flammability (solid, gaseous)	Flammable product
Volatile phase (%):	5 +/- 3% H ₂ O
Ignition temperature:	Not available
Self-igniting:	232°C (449°F)
Danger of explosion:	Not available
Explosion limits:	Not available
Vapour pressure at 20°C	Not available
Density:	Not available
Breaking Point:	Not available
Elongation Raths:	Not available
Solubility in water:	No
Segregation coefficient (n-octanol /water):	Not available
Viscosity Dynamic: Kinematic:	Not available
Polymerisation:	Cannot occur
Solvent content:	Not available
Solids content:	Not available

10. Stability and Reactivity

Stability:	Stable
Thermal decomposition/conditions to be avoided:	High temperatures, ignition sources, strong light
Incompatibility/Materials:	Strong acids and alkalis, oxidizing agent.
Hazardous Polymerization:	Cannot occur
Hazardous Decomposition Products:	Not determined

11. Toxicological Information

Acute toxicity:	N/A
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Primary irritant effect On the skin: On the eyes:	N/A
Sensitization:	N/A
Additional toxicological information:	N/A

12. Ecological Information

Aquatic toxicity:	N/A
Persistence and degradability:	N/A
Behaviour in environmental systems:	N/A
Bio accumulative potential:	N/A
Ecotoxicological effects:	N/A

13. Disposal Considerations

Waste treatment methods recommendations:	Refer to local regulations.
Uncleaned packaging recommendations:	Disposal must be done according to official regulations.

14. Transport Information

General:	Not classed under dangerous substances regulations.
UN Number:	N/A
Transport hazard class:	2008/68/EC requirements (Transport of dangerous goods by road) are not applicable.
Tunnel Restriction Code:	N/A
Packing group:	N/A
Environmental hazards:	N/A
Special precautions for user:	N/A

15. Regulatory Information

Labelling:	N/A
Hazard designation of product:	Not a hazardous product.
Transport hazard class:	N/A
Hazard components of labelling:	N/A
Risk phrases:	N/A
Safety phrases:	N/A
Special labelling:	N/A

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