

MATERIAL SAFETY DATA SHEET

Today's Date: 05/01/2012
Date Revised: 10/03/2011 Supersede: All

Identity / Product Name: **FoamPlas™ 7L**

Manufacturer / Supplier
EcoPoly Solutions Inc.
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I. PRODUCT INFORMATION

PRODUCT NAME: **FoamPlas™ 7L**
CHEMICAL NAME: Proprietary Compound
SYNONYMS:
ADDITIONAL INFORMATION: Polymeric master batched endothermic foaming agent designed for a broad range of plastics. This product is not a hazardous compound as defined in 29 CFR 1910.120

II. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description: Polymeric based endothermic foaming agent

COMPONENTS **CAS- REG NO**

HAZARDOUS INGREDIENTS / OSHA / NIP / IARC – None Known

ADDITIONAL INFORMATION

II. COMPOSITION / INFORMATION ON INGREDIENTS CONTINUED

CA PROP 65:

To the best of our knowledge, this product contains no levels of listed substances, which the State of California has deemed to cause cancer, birth defects or other reproductive effects.

POSSIBLE CARCINOGENIC INGREDIENTS / OSHA/ NIP / IARC: NONE KNOWN

CARCINOGENIC PER **NTP:** **IARC:** **OSHA:** **None: X**

III. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: APPEARANCE: Solid white pellets ODOUR:
CARCINOGENICITY: Not applicable

POTENTIAL HEALTH EFFECTS, TARGET ORGAN EFFECTS (ACUTE AND CHRONIC):

The material and its components are not classified as hazardous, and do not contain ingredients which may contribute to immediate health, physical or environmental hazards. Dust may be irritating to noses and eyes and may form an explosive mixture with air.

IV. FIRST AID MEASURES

IF INHALED OR INGESTED: If dust is inhaled, remove to fresh air.
IN CASE OF EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes.
IN CASE OF SKIN CONTACT: Brush dust off.
IN CASE OF INGESTION: Contact a physician or Poison Control Centre as appropriate whenever any foreign object is swallowed.

V. FIRE FIGHTING MEASURES

FLASHPOINT/METHOD:	>343 ^o C (ASTM E 136)
FLAMMABLE LIMITS:	UEL:
EXTINGUISHING MEDIA:	Water applied as a fog or fine spray, carbon dioxide, foam or dry chemical
SPECIAL FIREFIGHTING PROCEDURES:	Avoid procedures that could produce a dust cloud
FIRE AND EXPLOSION HAZARD:	Dust may form an explosive mixture with air.

VI. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN:	Control dust formation. Sweep up and discard.
PERSONAL PROTECTION:	No special personal protection required.

VII. HANDLING AND STORAGE

STORAGE CONDITIONS:	Store in a cool, dry location.
HANDLING PROCEDURES:	Avoid procedures which produce dust, static sparks, welding and open flames.
STORAGE LIFE:	The recommended storage life is 6 months; beyond that time, the quality may begin to deteriorate but no hazardous products are likely to be formed.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Not required if properly ventilated.
SKIN PROTECTION:	Not required
EYE PROTECTION:	Use side-shielded safety glasses or goggles when emptying bags.
ENGINEERING CONTROLS:	Provide general and local exhaust ventilation
EXPOSURE GUIDELINES:	N/A

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND COLOUR:	Solid pellets, off-white colour
ODOUR:	N/A
BOILING POINT:	N/A
FREEZING POINT:	N/A
MELTING POINT:	65 ^o C – 110 ^o C
FLASH POINT:	>343 ^o C
FLAMMABILITY:	Can ignite >400 ^o C
VAPOUR PRESSURE (MM HG):	Negligible
VAPOUR DENSITY (AIR=1):	N/A
SOLUBILITY:	Water: Negligible Fat: Negligible
RELATIVE DENSITY:	1.60 – 1.63 g./cc
pH:	slightly acidic
EVAPORATION RATE:	N/A

X. STABILITY AND REACTIVITY

STABILITY:	Stable.
HAZARDOUS POLYMERIZATION:	N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	N/A
INCOMPATIBILITY:	Oxidizing agents should be avoided as there is a possibility of an endothermic reaction. The decomposition products are oxides of carbon.

XI. TOXICOLOGICAL INFORMATION

There are no known toxicological effects from inhalation, ingestion or skin contact.

XII. ECOLOGICAL INFORMATION

FoamPlas™ 7L additive is designed for blending with polymers without harmful eco-toxicological effects

XIII. DISPOSAL CONSIDERATION

Surplus or waste material can be disposed of by recycling if the appropriate facilities are available, incineration or land filling. The residue is not hazardous waste. It should always be disposed of in accordance with applicable local or national regulations.

XIV. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	N/A
HAZARD CLASS:	N/A
UN/ID NUMBER:	N/A
PACKING GROUP:	N/A
LABEL REQUIREMENTS:	N/A

This product is not regulated as a hazardous material.

XV. REGULATORY INFORMATION

The products are not subject to any restrictions in use, nor do they meet the criteria of any hazard categories.

XVI. OTHER INFORMATION

FoamPlas™ 7L additive master batch should only be processed, once the user has read the following documents, as integrated in the “handout” documentation:

- Storage and Processing
- Storage, shelf life and possible hazards

Never process 100% **FoamPlas™ 7L** additive by itself due to the potential of significant gas generation.

Levels of addition of **FoamPlas™ 7L** should not exceed 11% of polymer, which you are planning to foam.

XVII. DISCLAIMER

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