

ML3 Multi Layer Infusion Media



Safety Data Sheet

According to Annex II of EC Regulation No. 1907/2006 concerning REACH

Rev.: 4

Date: 28.09.2015

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1. PRODUCT NAME ML3 Multi Layer Infusion Media
COMPANY Easy Composites Ltd
Unit 39 Park Hall Business Village,
Longton,
Stoke-on-Trent, ST3 5XA
Tel: 01782 454499
Email: sales@easycomposites.com

2. POSSIBLE HAZARDS
No hazardous products under normal conditions.

3. PRODUCT COMPOSITION

Nonwoven:	Mechanical and thermal bonded	
Major (> 10 %):	Polypropylene Homopolymer	CAS number: 9003-07-0
	Polyethylene Terephthalate (PET)	CAS number: 25038-59-9
Minor (1 - 10 %):	Ethylene Vinyl Acetate copolymer (EVA)	CAS number: 24937-78-8
Trace comp. (<1 %):	Colour pigments	CAS number: -
	Spin finish	CAS number: -

Chemicals that are in the "List of Dangerous Substances - 67/548/EEC: None

4. FIRST AID MEASURES

Under normal conditions

4.1 Inhalation	No specific measure to be taken
4.2 Skin contact	No specific measure to be taken
4.3 Eye contact	No specific measure to be taken
4.4 Ingestion	No specific measure to be taken

In case of inhalation of combustion gases, seek immediate medical attention.

5. FIRE FIGHTING MEASURES

5.1	Suitable extinguishing media: Water spray, foam, CO ₂ , extinguishing powder
5.2	Extinguishing-media not to be used: None
5.3	Special exposure hazard: For flammable and toxic fumes as well as skin contact with molten materials: see item 10.
5.4	Special protective clothing for fire-fighter: As in any fire, fire fighters should wear appropriate protective clothing and self-contained breathing apparatus to prevent exposure to fumes. Combustion gases may contain: H ₂ O, CO ₂ , CO, NO _x and acetic acid.

6. ACCIDENTAL RELEASE MEASURES
Not applicable

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7. HANDLING AND STORAGE

Normal requirements

8. EXPOSURE CONTROL / PERSONAL PROTECTION

No specific measures

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	Form: Composite		
	Colour: White / yellow		
<u>Melting point:</u>	PP: 160 - 170°C	PET: 255 - 265°C	EVA: 85 – 95°C
<u>Decomposition temp:</u>	PP: > 300°C	PET: > 285°C	EVA: > 220°C
<u>Flammability:</u>	Not easily flammable		
<u>Autoignition temp:</u>	> 300°C		
<u>Relative density:</u>	PP: 0.91 g/cm ³	PET: 1.36 g/cm ³	
<u>Solubility in:</u>	Water: Insoluble	Fat: Insoluble	

10. STABILITY AND REACTIVITY

Conditions to be avoided:

At temperatures higher than 200°C toxic and flammable gases like CO₂, CO, NO_x and acetic acid may be developed. The generation of cleavage and oxidation products is subject to fire conditions. Non-burned residues and contaminated water after fire fighting should be disposed of in compliance with official regulations.

Molten materials should not be allowed to be in contact with the skin to which it can adhere and can cause burns.

11. TOXICOLOGICAL INFORMATION

No toxically reaction known under normal conditions.

Under decomposition conditions; toxic fumes and contaminated water: see item 10.

12. ECOLOGICAL INFORMATION

For transportation, storage, normal use, no toxicological effect known. The product is not biodegradable.

13. DISPOSAL CONSIDERATIONS

Being non hazardous solid waste, nonwovens can be disposed of, depending on local legislation, through: recycling, incineration or landfill.


14. TRANSPORT INFORMATION

No specific request

15. REGULATIONS

None

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16. FURTHER INFORMATION

All information in this safety data sheet is based on our present knowledge and is given to describe our products with regard to safety aspects. This information does not guarantee certain properties of the products. Recipients of the products must take responsibility for observing existing laws and regulations.

The nonwovens produced EasyComposites Ltd are defined as an article in accordance to the REACH regulations, and as such do not need a SDS, however for convenience we have chosen to make this SDS in accordance with the regulations for preparations as outlined by Annex II of the REACH regulations.

TSCA: The products covered in this SDS are defined as an article and therefore are exempt from listing on the national chemical inventories in particular on the US EPA Toxic Substances Control Act (TSCA).

GHS & WHMIS: The products covered in this SDS are defined as non hazardous articles and are therefore exempted from the requirements in GHS and WHMIS.

OSHA Standards: The products covered in this SDS are not a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.

SARA 313 Information and DOT description: To the best of our knowledge, the products covered in this SDS contain no chemicals subject to SARA Title III, Section 313 Notification Requirements or the CFR 47, transportation: DOT description.