

Material Safety Data Sheet
In according to the Regulation (CE) n. 1907/2006 REACH
Issue date: 18/12/15
Data sheet B3249 in Rev. n. 0

1. Identification of the substance/preparation and of the company/undertaking

Product name:	ULTRAFLEX WHITE
Code number:	B3249
Product description:	Plastic elastomer filament
Company name:	Olivetti S.p.A. Via Jervis 77 10015 Ivrea (TO) - ITALY
For information:	Tel. 0039 (0)125 775710 Fax 0039 (0)125 775711 e-mail : supplies@olivetti.com
For emergency:	Centro Antiveleni-Ospedale Niguarda (Milano) 0039 (0)2 66101029

2. Hazards identification

Classification:	The preparation is not classified as dangerous according to CEE 1999/45 directive and updates.
Potential Health Effects:	The preparation is considered harmless for human health as it is and when exposed to normal and predictable production process and storage. Dust may cause mechanical irritation. Heated material may cause thermal burns. According with EU directives it is not dangerous. See section 4 and 11 for further information.
Potential Environmental Effects	The preparation in normal storage and processing conditions is inert and does not show environmental hazards.

3. Composition / information on ingredients

The preparation is composed by:

Polymer, additives (<2%), colorants and/or pigments if necessary.
CAS N/A CAS N/A

*Occupational Exposure Limit(s), is available, are listed in section 8.

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4. First – aid measures

First-aid measures:

- General information:** The measures indicated are referred to critical situations (fire, wrong process conditions). At ambient temperature the product is not irritating and does not release harmful smokes
- Inhalation:** In case of excessive smoke inhalation remove to fresh air. Get medical attention if necessary.
- Ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). If necessary, get medical attention.
- Skin contact:** In case of melted product contact, flush area with large amounts of cold water. Do not remove consolidated product. Do not pull clothing loose from skin. Seek medical attention.
- Eye contact:** Immediately flush eyes with water for at least 15 minutes. Get medical attention if symptoms occur.
- Specific instruments needed on workplace:** Eyewashes.

5. Fire – fighting measures

Extinguishing media

- Extinguishing Media:** Alcohol-resistant foam, dry chemical powder and carbon dioxide
- Hazardous Combustion Products:** May emit toxic fumes under fire and overheat conditions such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, organic acids.
- Fire fighting procedures:** Wear approved positive pressure, self-contained breathing apparatus and full protection turn out gear. Use caution in

6. Accidental release measures

- Personal precautions:** Avoid walking on filaments to minimize slipping risk. In case of spillage, no action shall be taken without suitable training. Do not touch or walk through spilt material. See section 8 for suitable clothing and materials
- Environmental precautions and clean-up methods:** Place waste in an appropriate labeled container for disposal. Do not discharge in sewerage. Collect with available mechanical media. Clean up the area with water. Dispose properly.

NOTE: see section 8 for personal protective equipment and section 13 for waste disposal.

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7. Handling and storage

Handling	No specific risks for manipulation of the material at ambient temperature. Use adequate ventilation. Avoid creation of dust and inhalation of smokes during the production process. Wash hands and face before eating, drinking and smoking.
Storage:	Store in fresh and well ventilated areas. Keep away from fire and static electricity.

8. Exposure controls/personal protection

Ventilation:	-
Hygiene measures:	-
Occupational Exposure limits	
Breathable powders:	No exposure limit value known.
Total powders:	No exposure limit value known.
<u>Personal protective equipment</u>	Wear impervious gloves if skin contact is possible. Wear safety glasses if eye contact is possible. Wear dust protection mask P2 if dust production occurs

9. Physical and chemical properties

Aspect:	Plastic elastomer filament Physical
State:	Solid
Color:	Naturally opaque, dependent on the added pigment
Smell:	Not available
Molecular Formula:	N/A
Molecular Weight:	N/A
Melting point:	150 to 220° C
Flash point:	>350°C
Decomposition Temp:	300°C
Solubility:	Insoluble in cold water.

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10. Stability and reactivity

Stability:	Stable under recommended storage and handling conditions.
Conditions to avoid:	Direct sunlight and heat. Electrostatic charges. Avoid inhalation of smokes during the production process.
Materials to Avoid:	No special recommendations.
Hazardous decomposition products:	No specific data.

11. Toxicological information

No data available.

12. Ecological information

Environmental Overview:	The preparation is a polymer considered non-toxic to aquatic organisms.
Bioaccumulation and Toxicity:	Avoid product dispersion, the preparation is not biodegradable.

13. Disposal considerations

Disposal procedures:	Observe all local and national regulations when disposing of this material.
Recycle:	The material can be reused after appropriate treatments and according to application.
National and European regulations:	Directive 91/156/CEE, Directive 91/689/CEE.

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14. Transport information

No limitations existing.

15. Regulatory information

Labeling:

The preparation is not classified as dangerous with actual regulation (1999/45/CE), (67/548/CEE) and updates. Labeling not required.

16. Other information

This safety data sheet is provided according to directive 1907/2006/CE and 91/155/CE.