



746 Shiloh Pike

Phone: (800) 791-9111

(856) 451-2176

Fax: (856) 453-4975

E-mail: [sales@ultracleantech.com](mailto:sales@ultracleantech.com)

[www.ultracleantechnologies.com](http://www.ultracleantechnologies.com)

## CAPSULE MSDS SHEET

Safety data sheet conforming to CEE/CEEA/DEDA 67/548, 918155, 92/32 and following updating.

Version 4

---

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Name:** ALFAFORM ORT

**Information about the product:** PVC Film

**Information about the Supplier:** Ultra Clean Technologies Corp.  
746 Shiloh Pike  
Bridgeton, NJ 08302 USA  
Tel: +800-791-9111  
Fax: +856-453-4975

---

### 2. COMPOSIT/INFORMATION ON INGREDIENTS

**Basic Resin:** Polyvinylchloride

**Modifiers:** Vinyl acetate copolymer with polyvinylchloride, styrene, butadiene, and methyl methacrylate copolymer

**Stabilizers:** Tin organic compounds, organic Ca-Zn soaps in epoxidized soybean oil

**Lubricants:** Glycerol esters and fatty acids, amide compounds

---

### 3. HAZARDS IDENTIFICATION

**Specific Hazards:** No particular hazards are known

---

#### 4. FIRST AID MEASURES

**General Information:** No special procedures required

---

#### 5. FIRE FIGHTING MEASURES

**Extinguishing Media suitable:** Water, foam, CO<sub>2</sub>, dry extinguishers

**Extinguishing Media unsuitable:** None

**Possible Hazards coming from burning products or released gases:** Release of vapors of hydrochloric acid and carbon monoxide

**Fire fighting equipment and protection:** Masks type B2/E2/P3 following DIN 3183, DIN 3181, UNI 7246, UNI 8962, UNI 8963

---

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** No special measures required

**Environmental precautions:** No special measures required

**Cleaning methods:** Take up mechanically

---

#### 7. HANDLING AND STORAGE

**Handling:** In case of thermic processing suction of vapors and adequate ventilation are needed

**Storage:** No special precaution, room temperature and humidity packing on pallets or metal frames with the possibility of using foamed polyethylene or polyethylene-ethylen-vinyl-acetate as protection

---

**8. EXPOSURE CONTROL AND PERSONAL PROTECTION**

<b>Components with exposure limit values:</b>	Not applicable
<b>Individual protection equipment:</b>	Not required

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Solid-film
<b>Color:</b>	Transparent clear and colored opaque
<b>Odor:</b>	Odor free
<b>Softening Temperature:</b>	> 75°C
<b>Boiling point:</b>	n.a.
<b>Flash Point:</b>	n.a.
<b>Explosion limits:</b>	n.a.
<b>Vapor pressure:</b>	n.a.
<b>Density:</b>	from 1.30 to 1.45 g/cm <sup>3</sup>
<b>Water solubility:</b>	Insoluble
<b>pH value:</b>	n.a.

---

**10. STABILITY AND REACTIVITY**

<b>Conditions to avoid:</b>	Continuous heat >60°C
<b>Materials to avoid:</b>	Chetons and esters
<b>Dangerous decomposition products:</b>	Gaseous hydrochloric acid and carbon monoxide

---

**11. TOXICOLOGICAL INFORMATION**

**Toxicological information:** Not applicable

---

**12. ECOLOGICAL INFORMATION**

**Biodegradability:** Not biodegradable

**Water solubility:** Insoluble

**Other information:** The product doesn't cause any damage to plants and animals

---

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods:** Dispose of the waste through authorized channels always respecting the national and regional regulations.  
Directive 75/442/CEE of 15/07/1975, as modified by Directive CEE/CEE/CECA n° 156 of 18/03/1991 and by Decision CE/CEE/CECA n° 532 of 03/05/2000.  
The waste, if not polluted and without further manipulations, belongs to the special, not dangerous type.

---

**14. TRANSPORT INFORMATION**

**IMDG:** Not dangerous goods

**ADR:** Not dangerous goods

**RID:** Not dangerous goods

**IATA:** Not dangerous goods

---

**15. REGULATORY INFORMATION**

**Labeling:** No special EEC labeling required

---

## 16. OTHER INFORMATION

The information contained into this safety data sheet is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements.