

**Material Safety Data Sheet**  
According to 1907/2006/EC, Article 31

Date of Issue January 11, 2013

Revision Date: First Issue

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**PRODUCT NAME:** THERMOPLASTIC MODEL SEPARATOR

**MATERIAL NAME:** ALPHA-CYANOCRYLATE ESTHER

**PRODUCT CATEGORY:** DENTAL APPLIANCE

**MANUFACTURER** MYERSON LLC

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**SECTION 2: : HAZARD DATA**

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**Risk Phrases:** R36/37/38- Irritating to eyes, respiratory system and skin

**Safety Phrases:**

S23 – Do not breathe fumes or vapours  
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S24/25- Avoid contact with skin and eyes.

**POTENTIAL HEALTH EFFECTS**

**Eye:** May result in blurred vision and lacrimation (discharge of tears).  
**Skin:** Irritation to skin.  
**Ingestion:** Harmful if swallowed  
**Inhalation:** Irritation to respiratory tract

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>Ingredients</b>	<b>CAS#</b>	<b>Approx. % weight</b>
Alpha-Cyanoacrylate	137-05-3	100%
Esther		

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**SECTION 4: FIRST AID PROCEDURES**

**Inhalation:** IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Protective Clothing

**Skin Contact:** IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment

**Eye Contact:** First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.

**Ingestion:** DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if Advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital.

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**SECTION 5: FIREFIGHTING MEASURES**

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**Flammability:** Class 1

**Flash point:** 174°F

**UEL:** None

**LEL:** None

**Extinguishing media:** Co2, dry chemical or water spray recommended.

**Fire fighting procedure:** NIOSH approved self contained breathing apparatus and full body protection.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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**Spills:** If you spill this chemical, **FIRST REMOVE ALL SOURCES OF IGNITION**, then use absorbent paper to pick up liquid spill material. Your contaminated clothing and absorbent paper should be sealed in a vapor-tight plastic bag for eventual disposal. Solvent wash all contaminated surfaces with toluene followed by washing with a soap and water solution. Do no reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

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**SECTION 7 : HANDLING AND STORAGE**

**Storage:** You should store this material in a refrigerator.

**Skin:** Wear appropriate personal protective clothing to prevent skin contact.

**Eyes:** Wear appropriate eye protection to prevent eye contact.

**Wash skin:** The worker should wash daily at the end of each work shift.

No recommendation is made specifying the need for removing clothing that becomes wet or contaminated. No recommendation is made specifying the need for the worker to change clothing after the work shift.

Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substance; this is irrespective of the recommendation involving the wearing of eye protection (NIOSH, 2003).

**SECTION 8: CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection:** A NOISH approved respirator is recommended for protection against processing fumes, or from dust generated from grinding, sanding, or sawing operations.

**Ventilation:** Local exhaust is preferred

**Protective Gloves:** Canvas or cotton gloves are recommended.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Equipment:** Lab Coat / Coveralls

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**SECTION 9: PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Range: 117-120°F at 1.8 mmHg  
Vapor Density: 0.2 mm Hg at 77.0° F  
Evap. Rate: No Data  
Specific Gravity: No Data  
Volume %: No Data  
Weight %: 111.1  
Appearance: Blue Liquid  
Odor: Acrid, slight solvent odor

**SECTION 10: STABILITY AND REACTIVITY**

Stability: Stable  
Polymerization: Occurs when material comes into contact with moisture  
  
Incompatibility: Water, acids, peroxides  
Decomposition: Carbon dioxide, Carbon monoxide, Nitrogen oxide

**SECTION 11: TOXICOLOGICAL INFORMATION**

Toxicity Data: No specific toxicological information is available

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**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity: No specific ecological information is available. This material is considered to be non-biodegradable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

.Waste Disposal Method: In accordance with local, provincial, and federal laws

**SECTION 14: TRANSPORT INFORMATION**

EU D. O. T: No Dangerous goods class allocated

**SECTION 15: REGULATORY INFORMATION**

This product is not regulated

**SECTION 16: OTHER INFORMATION**

**MSDS Disclaimer**

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**SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**PRODUCT NAME:** RELEASE COMPOUND

**PRODUCT CATEGORY:** DENTAL

**MANUFACTURER** MYERSON LLC

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**SECTION 2: : HAZARD DATA**

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**Risk Phrases:** No classification applicable

**Safety Phrases:** No classification applicable

**POTENTIAL HEALTH EFFECTS**

**Eye:** High concentration of vapors may cause headache, nausea and dizziness.

**Skin:** Prolonged or repeated exposure may cause defatting or dermatitis. The melted product adheres to skin and may cause burns.

**Ingestion:** May be harmful if swallowed

**Inhalation:** Vapors may be irritating to the respiratory tract

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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Ingredients	CAS#	Approx. % weight
Petrolatum Gel (lab grade)	8009-03-8	100%

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**SECTION 4: FIRST AID PROCEDURES**

**Inhalation:** Remove to fresh air. If the individual(s) is not breathing, give artificial respiration. If breathing is difficult give oxygen.

**Skin Contact:** Wash exposed area with soap and water. If irritation develops seek medical attention

**Eye Contact:** Flush with cold running water for 15 minutes, lifting lids of eyes occasionally. Seek medical attention **IMMEDIATELY**. In case of contact with heated product flush with cold water and remove solidified the product with vegetable or mineral oil. Seek medical attention.

**Ingestion:** Rinse mouth with cold water ( if conscious) . **DO NOT INDUCE VOMITTING**. Seek medical advice.

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**SECTION 5: FIREFIGHTING MEASURES**

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<b>Flammability:</b>	Combustible
<b>Flash point:</b>	199°C
<b>UEL:</b>	No data
<b>LEL:</b>	No data
<b>Extinguishing media:</b>	Use water fog, carbon dioxide, foam, dry chemical
<b>Fire hazards:</b>	Combustible!! May be ignited by heat, sparks or open flames.
<b>Fire fighting procedure:</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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**Spills:** Sweep up and place in suitable (fireboard) containers for reclamation or later disposal. Use proper personal protection.

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**SECTION 7 : HANDLING AND STORAGE**

Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use.

**SECTION 8: CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection:** A NOISH approved respirator is recommended for protection against processing fumes, or from dust generated from grinding, sanding, or sawing operations.

**Ventilation:** Local exhaust is preferred

**Protective Gloves:** Canvas or cotton gloves are recommended.

**Eye Protection:** Safety glasses with side shields are recommended.

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**SECTION 9: PHYSICAL / CHEMICAL CHARACTERISTICS**

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Boiling Range: 343°C  
Vapor Density: No data  
Evap. Rate:  
Specific Gravity: 0.815-0.880  
Volatiles:  
Volume %: No data  
Weight %: No data  
Appearance: Clear gel  
Odor: Petroleum odor  
Melting point: 38°C

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**SECTION 10: STABILITY AND REACTIVITY**

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Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Strong oxidizers  
Decomposition: No data

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Toxicity Data: No specific toxicological information is available

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