



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

MATERIALNAME: ALPHA-CYANOCRYLATE ESTHER

PRODUCT CATEGORY: DENTAL APPLIANCE

MANUFACTURER MYERSON LLC

ADDRESS: 5106 North Ravenswood Avenue
Chicago Illinois 60640
USA

**CONTACT NAME AND
INFORMATION** Kelly Schroeder
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SECTION 2: : HAZARD DATA

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.

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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

Ingredients	CAS#	Approx. % weight
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

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.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

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 not 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

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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
ADDRESS:	5106 North Ravenswood Avenue Chicago Illinois 60640 USA
CONTACT NAME AND INFORMATION	Kelly Schroeder Tel: 312 432 8203 Fax: 312 563 9535 kschroeder@myersontooth.com Website: www.myersontooth.com



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SECTION 2: : HAZARD DATA

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

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

Flammability: Combustible

Flash point: 199°C

UEL: No data

LEL: No data

Extinguishing media: Use water fog, carbon dioxide, foam, dry chemical

Fire hazards: Combustible!! May be ignited by heat, sparks or open flames.

Fire fighting procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

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.
Other Protective Equipment:	Lab Coat / Coveralls

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SECTION 9: PHYSICAL / CHEMICAL CHARACTERISTICS

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

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Data:	No specific toxicological information is available
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