

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Product Name: **SealXpert™ CA496 CYANOACRYLATE ADHESIVE**

MSDS No: 117

Revision No: 4

Issue Date: 08 May 2013

Section 1 – Company Details

Company Name: SealXpert™ Products

Address: 60 Kaki Bukit Place #09-11 Eunos Techpark
Singapore 415979

Tel: +65 6742 4992/6742 4998

Fax: +65 6749 6916

Email: mailbox@sealxpert.com

Section 2 – Composition

INGREDIENTS	CAS No	Content (Wt%)
α-Cy anoacrylate Ethyle ester		60-100
Others		0-40

Section 3 – Hazards Identification

Toxicity: The product will bond skins instantly, and may cause hurt to eyes and respiratory passage. Liquid and vapour is flammable.

Primary route of entry: Inhalation, eyes and skins contact.

Symptoms of exposure: Fast bond

Medical conditions aggravated by exposure: Breathing difficulty and chest distress.

Section 4 – First Aid Measures

Inhalation : Move to a well-ventilated place. if Symptom goes on, get medical attention

Skin : Soak and wash with soap water.

Eyes : Rinse eyes immediately with clean water for at least 15 minutes and seek medical attention.

Ingestion : Wash immediately with clean water f or at least 15 minutes and seek medical attention

Section 5 – Fire Fighting Measures

Flash Point and Method: >81°C, Tagliabue closed cup

Ignition temperature: Not determined

Explosive limit-upper: Not determined

Explosive limit-lower: Not determined

Danger Property: None

Extinguisher media: Carbon dioxide, foam, and dry chemical.

Special fire-fighting instructions and equipment: As in large fire relating to chemical product, wear positive-pressure, self-contained breathing apparatus and full protective gear. Decide whether to remove or separate this area according to local urgency program.

Harmful burnt products: Irritant organic compound steam and carbon dioxide.

Extinguisher media to avoid: Not determined

Section 6 – Accidental Release Measures

Measures in case of burst or leakage:

Dispose adhesives by water, wipe away after polymerization. Do not use dry cloth to wipe the ejected materials. If large quantity is ejected, keep location well-ventilated.

After cured, dispose the materials as innocuous garbage.

Section 7 – Handling and Storage

MATERIAL SAFETY DATA SHEET

Page 2 of 3

Product Name: **SealXpert™ CA496 CYANOACRYLATE ADHESIVE**

MSDS No: 117

Revision No: 4

Issue Date: 08 May 2013

Handling: Avoid contact with eyes and skin. Avoid breathing of vapour. Use the product at well-ventilated place. Wash thoroughly after handling, and before eating, smoking or using the toilet. Keep away from spark and fire.

Storage: Keep container closed. Store in original container in a dry and cool place, keep out of light; Keep away from spark and fire, avoid water and moisture.

Section 8 – Exposure Controls / Personal Protection

Eye Protection: Wear safety glasses or vented safety goggles.
Skin Protection: Wear polyvinyl chloride (PVC) gloves.
Respiratory system protection: Use a respirator, unless there is fine ventilation equipment.

Section 9 – Physical and Chemical Characteristics

Appearance: No colour liquid
Odor: Irritating
PH: N/A
Water Solubility: Polymerizes with water
Specific Gravity: 1.10
Steam Pressure: Lower than 0.2mm Hg@22°C
Steam Density: Near 3
Volatilization Velocity (Ether=1): N/A

Section 10 – Stability and Reactivity

Stability: Stable
Hazardous polymer: Acute polymerization will occur while water, amine, alkali and alcohol exist at same time.
Incompatibility: Will not occur
Conditions to avoid: Water, amine, alkali and alcohol.

Section 11 – Toxicological Information

Health Harm: Refer to section 3
Sensitization: Not known
Denaturalization: Not known
Procreation Transmissibility: Not known
Cancer: Not known
Other danger information: Unavailable

Section 12 – Ecological Information

Environmental Effect and Distribution: Reach sewage and sullage by aggradations or agglutination
Environmental Influence: No harmful effect to hydrophily organism.
Biology Accumulation: No biology accumulation ability

Section 13 – Disposal Considerations

Special Instructions: Observe all federal, state and local laws and regulations.

Section 14 – Transportation Information

MATERIAL SAFETY DATA SHEET

Page 3 of 3

Product Name: **SealXpert™ CA496 CYANOACRYLATE ADHESIVE**

MSDS No: 117

Revision No: 4

Issue Date: 08 May 2013

Transportation: The product is non-flammable; it can be transported in normal way.

Section 15 – Regulatory Information

Regulation: Observe the governmental or local regulations to use the chemical product safely.

Section 16 – Other Information

Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date. Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows. The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfil his duties when using the product. This list must not be considered as exhaustive. It does not top the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.