

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Product Name: **SEALXPERT® CA480 CYANOACRYLATE ADHESIVE**
MSDS No: 175

Revision No: 0

Issued by: Yogesh
Issue Date: 15 October 2015

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

Ingredient	CAS NO.	Content (Wt%)
Ethyl α - Cyanoacrylate		60-100
The others		0-40

Section 3 – Hazardous Identification

Toxicity: The product will bond skins instantly, and may cause hurt of eyes and respiratory tract, liquid and vapor is flammable.
Primary route of entry: Inhalation, eyes and skins contact.
Symptoms of exposure: Fast bond.
Existing conditions aggravated by exposure: Dyspnea, chest distress.

Section 4 – First Aid Measures

Eye contact: Rinse with water for at least 15 minutes, and get medical attention.
Skin contact: Do not separate with knife, soak and wash with warm soap water.
Inhalation: Move to well ventilated place, if symptom goes on, get medical attention.
Ingestion: Fast bond mouth, it is hard to arrive throat part, separate it with saliva within several hours, and get medical attention.

Section 5 – Fire Fighting Measures

Flash Point and Method: >93°C, Tagliabue closed cup
Ignition temperature: Not determined
Explosive limit-upper: Not determined
Explosive limit-lower: Not determined
Danger Property: None
Extinguishing media: Carbon dioxide, foam, and dry chemical.
Special fire-fighting Instructions and equipment: As in large fire relating to chemical product, wear self-contained breathing apparatus and full protective gear. Decide whether to remove or separate this area according to local urgency program.
Hazardous combustion products: Irritant organic compound vapor and carbon dioxide.
Extinguishing media to avoid: Not determined

Section 6 – Accidental Release Measures

Measures in case of burst or leakage: Dispose overflowing adhesive by water, and wipe away after polymerization. Do not use dry cloth to wipe the ejected materials.
If large quantity ejected, keep work place well ventilated.
After cured, dispose the materials as innocuous garbage.

MATERIAL SAFETY DATA SHEET

Page 2 of 3

Product Name: **SEALXPERT® CA480 CYANOACRYLATE ADHESIVE**

Issued by: Yogesh

MSDS No: 175

Revision No: 0

Issue Date: 15 October 2015

Section 7 – Handling and Storage

Handling: Avoid contact with eyes and skin. Avoid inbreathing the vapor. No taken in.
Use the product at well ventilated place. Wash thoroughly after handling, and before eating or smoking.
Keep away from spark and fire.

Storage: Keep container closed. Store in original container at 2-8°C; 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 rubber gloves and apron, do not use PVC, nylon or cotton safety tools.
Respiratory system protection: Use a respirator, unless there is fine ventilation equipment.

Section 9 – Physical and Chemical Characteristics

Appearance: Black liquid
Odor: Irritating
PH: N/A
Water Solubility: Polymerizes with water
Specific Gravity: 1.10
Vapor Pressure: Not lower than 0.2mmHg
Vapor Density: Near 3
Evaporation Rate (Ether=1): N/A

Section 10 – Stability and Reactivity

Stability: Stable
Hazardous polymer: Violent polymerization will occur in presence of water, amine, alkali and alcohol.
Incompatibility: Will not occur
Conditions to avoid: Water, amine, alkali and alcohol.

Section 11 – Toxicological Information

Health hazard: Refer to section 3
Sensitization: Not known
Mutagenicity: Not known
Procreation transmissibility: Not known
Carcinogenicity: Not known
Other health hazard information: Unavailable

Section 12 – Ecological Information

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

Section 13 – Disposal Considerations

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

MATERIAL SAFETY DATA SHEET

Page 3 of 3

Product Name: **SEALXPERT® CA480 CYANOACRYLATE ADHESIVE**

Issued by: Yogesh

MSDS No: 175

Revision No: 0

Issue Date: 15 October 2015

Section 14 – Transportation Information

Transportation: Not classified as Dangerous Goods according to Singapore Code for Transport of Dangerous Goods by Road, Rail and Air.

Section 15 – Regulatory Information

Observe the governmental or local regulations to use the product safely.

Section 16 – Other Information

Maintain clean equipment and work areas. Wipe up spills immediately.

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 fulfill his duties when using the product. This list must not be considered as exhaustive. It does not stop 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.