


MATERIAL SAFETY DATA SHEET (MSDS) of SCA-K03E

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
Production Name:	SCA-K03E SILANE n-Propyltriethoxysilane
IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
Manufacturer:	Nanjing Capatue Chemical Co., Ltd
Address:	Room 708,9th Building,Cuiping International Plaza,No.20 JiangJun Avenue,Jiangning Development Zone,Nanjing, Jiangsu Province,P.R. China 211100
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Connect with:	Anhuanbu

2. HAZARDS IDENTIFICATION
<p>Hazard Symbols</p> <div style="display: flex; align-items: center; margin-top: 10px;">  <p>Xi Irritant</p> </div> <p style="margin-top: 20px;">Risk Phrases</p> <p>R36/37/38</p> <p>Risk advice to man and the environment</p> <p>Irritating to eyes, respiratory system and skin.</p> <p style="margin-top: 20px;">For additional information on toxicity, please refer to Section 11.</p>

3. COMPOSITION/INFORMATION ON INGREDIENTS		
<u>CAS Number</u>	<u>Concentration %</u>	<u>Component Name</u>
2550-02-9	> 95.0	n-Propyltriethoxysilane
Formula: C ₉ H ₂₂ O ₃ Si		
EINECS#:219-842-7		

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4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.If swallowed

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166.

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Clear liquid
Color:	Colorless
Odor:	N/A
Specific Gravity @ 25°C:	0.892
Molecular Weight:	206.35 AMU
Freezing/Melting Point:	Not determined.
Boiling Point @760mmHg:	175-180°C
Vapor Pressure @ 25°C:	Not determined.
Vapor Density:	Not determined.
Solubility in Water:	Not determined.
pH:	Not determined.
Refractive Index@ 25°C:	1.396
Flash Point :	57 °C (Closed Cup)
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Capatue Chemical before writing specifications.

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10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Conditions to Avoid

Avoid moisture.

Materials to Avoid

Strong oxidizing agents. Strong oxidizing agents, acids.

Hazardous Polymerization

Hazardous decomposition products formed under fire conditions-Carbon oxides, silicon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

Irritation and corrosion

No data available

Sensitisation

No data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Ingestion May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

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13. DISPOSAL CONSIDERATIONS

Product

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID

UN-Number: 1993

Class: 3

Packing group: III

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (n-Propyltriethoxysilane)

IMDG

UN-Number: 1993

Class: 3

Packing group: III

EMS-No: F-E, S-E

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (n-Propyltriethoxysilane)

Marine pollutant: No

IATA

UN-Number: 1993

Class: 3

Packing group: III

EMS-No: F-E, S-E

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (n-Propyltriethoxysilane)

15. REGULATORY INFORMATION

Labelling according to EC Directives

EC Label

Hazard symbols

XI Irritant

R-phrases

R36/37/38 Irritating to eyes, respiratory system and skin.

S-phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 Wear suitable protective clothing.

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16. OTHER INFORMATION

Prepared by: Nanjing Capatue Chemical Co., Ltd

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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