

MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT® SP70 VARNISHCOTE CLEAR**
MSDS No: 240

Revision No: 0

Issued by: Yogesh
Issue Date: 27 November 2017

Section 1 – Company Details

Company Name: SealXpert Products
Address: 60 Kaki Bukit Place #09-11 Eunos Techpark
Singapore 415979

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Section 2 – Composition

Ingredient	CAS NO.	Content (Wt%)
Liquefied Petroleum Gas (Contains <0.1% 1, 3 Butadiene)	68476-85-7	20 to 40%
Acetone	67-64-1	23%
Methyl Ethyl Ketone (MEK)	78-93-3	14%
Additives	-	<10%
Xylene	1330-20-7	5 to 10%
Acrylic resin	-	10 to 30%
Methoxypropyl Acetate	84540-57-8	<10%

Section 3 – Hazardous Identification

EMERGENCY OVERVIEW

DANGER: Flammable. Harmful or fatal if swallowed. May be harmful in contact with skin. Harmful if inhaled.

Hazard statement(s)

Extremely flammable aerosol.
Pressurized container: may burst if heated.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Repeated exposure may cause skin dryness or cracking

Prevention statement(s)

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

Section 4 – First Aid Measures

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Ingestion: Rinse mouth. If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

May be fatal if swallowed and enters airways. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child.

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Section 5 – Fire Fighting Measures

Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

Special hazards arising from the substance or mixture

Highly flammable aerosol. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, pilot lights, heaters, naked lights, mobile phones, etc when handling.

Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Section 6 – Accidental Release Measures

Personnel precautions:	Ensure adequate ventilation, especially in confined areas Avoid contact with skin, eyes or clothing Avoid breathing vapors or mists Use personal protection recommended in Section 8
Environmental precautions:	Do not allow into any sewer, on the ground or into any body of water
Spill cleanup measures:	Prevent further leakage or spillage if safe to do so Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal Ventilate area where possible

Section 7 – Handling and Storage

Handling:	Handle in accordance with good industrial hygiene and safety practice Ensure adequate ventilation, especially in confined areas Avoid contact with skin, eyes or clothing Wash contaminated clothing before reuse Remove all sources of ignition Wash thoroughly after handling Do not eat, drink or smoke when using this product Use personal protection recommended in Section 8 Do not puncture or incinerate cans
Storage:	Keep containers tightly closed in a dry, cool and well-ventilated place Keep away from heat Keep locked up and out of reach of children Keep away from food, drink and animal feeding stuffs Store in accordance with local regulations
Hygiene practices:	Wash thoroughly after handling.

Section 8 – Exposure Controls / Personal Protection

Engineering controls:	Ensure adequate ventilation, especially in confined areas.
Eye protection:	Wear safety glasses with side shields (or goggles)
Skin protection:	Wear appropriate protective gloves and other protective apparel to prevent skin contact.
Respiratory system protection:	None required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with organic vapour cartridge. Air monitoring is needed to determine actual employee exposure levels. Use a self-contained breathing apparatus in confined spaces and for emergencies.

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Section 9 – Physical and Chemical Characteristics

Appearance:	Clear liquid
Odour:	Solvent odour
Flammability:	Highly flammable
Flash point:	10°C (cc)
Boiling point:	80°C
Melting point:	Not available
Evaporation rate:	3.0 (n-Butyl Acetate = 1)
pH:	Not Relevant
Vapour density:	> 1 (Air = 1)
Specific gravity:	0.90
Solubility (water):	Slightly Soluble
Vapour pressure:	Not available
Upper explosion limit:	12 %
Lower explosion limit:	1.4 %
Partition coefficient:	Not available
Autoignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Odour threshold:	Not available

Section 10 – Stability and Reactivity

Chemical stability	Stable under recommended conditions of storage.
Possibility of hazardous reactions	Polymerization is not expected to occur.
Conditions to avoid	Avoid shock, friction, heavy impact, heat, sparks, open flames and other ignition sources.
Incompatible materials	Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

Section 11 – Toxicological Information

Skin irritation:	Contact may result in drying and defatting of the skin, rash and dermatitis.
Eye irritation:	Irritating to the eyes. Contact may result in irritation, lacrimation, pain and redness.
Ingestion:	May cause an allergic skin reaction.
Inhalation:	May cause irritation to respiratory system.

Section 12 – Ecological Information

Toxicity:	No information provided.
Persistence and degradability:	No information provided.
Bioaccumulative potential:	No information provided.
Mobility in soil:	No information provided.
Other adverse effects:	No information provided.

Section 13 – Disposal Considerations

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

Section 14 – Transportation Information

Transportation:	Not classified as Dangerous Goods according to Singapore Code for Transport of Dangerous Goods by Road, Rail and Sea.
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Section 15 – Regulatory Information

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

Section 16 – Other Information

Discard contaminated clothing immediately. Maintain clean equipment and work areas. Avoid inhalation. 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.