

MATERIAL SAFETY DATA SHEET

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Product Name: **SealXpert™ RC620 RETAINING COMPOUND**
MSDS No: 157 Revision No: 1

Issued by: Sam
Issue Date: 02 June 2014

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%)
Dimethacrylate		75-80
Maleimide Resin	3006-93-7	10-15
Cumene Hydroperoxide	80-15-9	1-3
Hydroxyalkyl Methacrylate	27813-02-1	1-3
1-Acetyl-2 Hydrazinobenzene	114-83-0	0.1-1
Benzosulfimide	81-07-2	0.1-1

Exposure limit ingredient

Exposure limit (TWA) Name	ACGIH (TLV)	OSHA (PEL)	OTHERS
Cumene Hydroperoxide	None	None	1ppm(6mg/m ³) Skin(WEEL)
Hydroxyalkyl Methacrylate	None	None	1ppmTWA

Section 3 – Hazards Identification

Toxicity: The product will irritate eyes. Hydroxyalkyl methacrylate may irritate respiratory tract. May be harmful by ingestion. It may be hurt to kidney and liver.

Primary route of entry: Skin and eyes contact.

Symptoms of exposure: May cause dermatitis to sensitive individual for long time contact

Existing conditions aggravated by exposure: Not known

Carcinogens information:

Name	References	Carcinogens		
	Affects to human organs and other health conditions	NTP	IARC	OSHA
Dimethacrylate	ALG IRR	None	None	None
Maleimide Resin	NTO	None	None	None
Cumene Hydroperoxide	ALG CNS COR IRR MUT	None	None	None
Hydroxyalkyl Methacrylate	ALG IRR	None	None	None
1-Acetyl-2 Hydrazinobenzene	ALG BLO KID MUT SOM	None	None	None
Benzosulfimide	NTO	None	N/A	None

Abbreviation:

ACGIH	American Conference of Governmental Industrial Hygienists		
NTP	National Toxicology Program		
IARC	International Agency for Research on Cancer		
OSHA	Occupational Safety &Health Administration		
N/A	Not Applicable	ALG	Allergic
BLO	Blood	CNS	Central Nervous System
COR	Corrosion	IRR	Irritant
KID	Kidney	LIV	Liver
MUT	Mutagen	NTO	No Target Organ
SOM	General cancerous phenomenon		

Section 4 – First Aid Measures

Ingestion: Do not induce vomiting, keep quiet and get medical attention.

Inhalation: N/A

Skin contact: Rinse with soap and water completely.

Eye contact: Rinse with water for at least 15 minutes, and get medical attention.

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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
Extinguisher 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:

Wipe away the ejective material. If large quantity ejected, keep location well ventilated.

Store in a closed container for disposal.

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 8-28°C; keep away from spark and fire, avoid water or moisture.

Section 8 – Exposure Controls / Personal Protection

Eye Protection: Wear safety glasses or vented safety goggles.

Skin Protection: Wear rubber or plastic gloves.

Respiratory system protection: Use a respirator, unless there is fine ventilation equipment.

Section 9 – Physical and Chemical Characteristics

Appearance: Green liquid
Odor: Slight
PH: N/A
Water Solubility: Slight
Specific Gravity: 1.04
Vapor Pressure: Lower than 5mmHg @27°C
Vapor Density: N/A
Evaporation Rate (Aether=1): N/A

Section 10 – Stability and Reactivity

Stability: Stable
Hazardous polymer: Will not occur
Incompatibility: Will not occur
Conditions to avoid: None

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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 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

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 regulator y 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.