

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SS PremiumSeal

GENERAL USE: Protective coating

PRODUCT DESCRIPTION: Non-flammable, clear to tan acrylic copolymer, characteristic odor

MANUFACTURER'S NAME

SealSource International, LLC

DATE PREPARED: October 3, 2002

SUPERSEDES: June 23, 2001

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ADDRESS (NUMBER, STREET, P.O. BOX)

845 East 1200 South

TELEPHONE NUMBER FOR INFORMATION

(801) 224.3800

(CITY, STATE AND ZIP CODE)

Orem, UT 84097

COUNTRY

USA

EMERGENCY TELEPHONE NUMBER

Infotrac (800) 535-5053 Outside USA (352) 323-3500

DISTRIBUTOR'S NAME

Same

ADDRESS (NUMBER, STREET, P.O. BOX)

TELEPHONE NUMBER FOR INFORMATION

(CITY, STATE AND ZIP CODE)

COUNTRY

EMERGENCY TELEPHONE NUMBER

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M ³	PPM	MG/M ³		
Perfluoroalkyl Methacrylic Copolymer (a)	Not listed	2 - 4	not established				No	

(a) This product is not identified in the available hazardous chemicals guides, however, its properties and characteristics parallel the hazards of a material which is identified and listed and is therefore treated as a hazardous substance until further identification is made.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard symbols for this product - Xi

POTENTIAL HEALTH EFFECTS

INHALATION: None expected, however, certain individuals may be sensitized and experience minor nausea or headaches. Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc. may cause irritation to respiratory tract.

SKIN: None expected, however, prolonged contact may cause irritation.

EYES: Contact with eyes may cause irritation.

INGESTION: May cause gastric distress, vomiting and diarrhea.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

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SECTION 4 - FIRST AID MEASURES			
INHALATION: Remove affected person to fresh air; if symptoms persist seek medical attention.			
SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.			
EYES: Remove contact lenses. Flush eyes with water for 15 minutes; if irritation persists, seek medical attention.			
INGESTION: Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.			
SECTION 5 - FIRE FIGHTING MEASURES			
FLASH POINT (METHOD USED) Non-flammable		FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable	AUTOIGNITION TEMPERATURE: Not determined
		NFPA CLASS: None	
GENERAL HAZARDS: Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen fluoride, hydrogen and oxygen, including carbon monoxide.			
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam			
FIRE FIGHTING PROCEDURES Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			
HAZARDOUS COMBUSTION PRODUCTS Smoke, fumes, oxides of carbon.			
SECTION 6 - ENVIRONMENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is acidic and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal.			
SECTION 7 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.			
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
ENGINEERING CONTROLS			
The use of local exhaust ventilation is recommended. Use corrosion-resistant ventilation equipment.			
PERSONAL PROTECTION:			
RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to secondary operations such as mixing, spraying, sanding, buffing, etc. Refer to 29 CFR 1910.134 or European Standard EN 149 for regulations.			
PROTECTIVE GLOVES: Recommended for general protection			
EYE PROTECTION: Recommended for general protection			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.			

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES				
VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20 ° C		VAPOR DENSITY (AIR = 1) 1.0		
SPECIFIC GRAVITY (WATER = 1) 1.000		EVAPORATION RATE (WATER = 1) 1.0		
SOLUBILITY IN WATER Disperses		FREEZING POINT 32°F (0° C)		
pH 4 - 6		APPEARANCE AND ODOR Light tan liquid, mild characteristic acrylic odor		
BOILING POINT 212°F (100° C)		PHYSICAL STATE Liquid		
VISCOSITY Equal to that of water		VOLATILE ORGANIC COMPOUNDS (Total VOC's) None		
SECTION 10 - STABILITY AND REACTIVITY				
STABILITY <div style="display: flex; justify-content: space-between;">UNSTABLE:STABLE: XXX</div>		CONDITIONS TO AVOID: Extreme temperatures		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalies, strong acids				
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, toxic hydrogen fluoride, fumes, and smoke may be produced.				
HAZARDOUS POLYMERIZATION <div style="display: flex; justify-content: space-between;">MAY OCCUR:WILL NOT OCCUR: XXX</div>		CONDITIONS TO AVOID: None		
SECTION 11 - TOXICOLOGICAL INFORMATION				
Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Perfluoroalkyl Methacrylic Copolymer (a)	2 - 4	Not listed	> 11,000 mg / kg Oral - rat	Not listed
SECTION 12 - ECOLOGICAL INFORMATION				
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.				
SECTION 13 - DISPOSAL CONSIDERATIONS				
WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for corrosive materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.				
SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Not Regulated				
HAZARD CLASS / Pack Group: None / None		IATA HAZARD CLASS / Pack Group: None		
REFERENCE: Not Applicable		IMDG HAZARD CLASS: None		
IDENTIFICATION NUMBER: None		RID/ADR Dangerous Goods Code: None		
LABEL: None Required		Canadian TDG Class / Division: None		
		HAZARD SYMBOLS: None		
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.				

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SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic substance Control Act)

The components of this product have not been verified as listed on the TSCA Inventory due to the nature of the copolymer.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

Acute health, skin and eye irritant

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases

R36 Irritating to eyes.

R38 Irritating to skin.

EC Safety Phrases

S2 Keep out of the reach of children.

S24 Avoid contact with skin.

S25 Avoid contact with eyes.

SECTION 16 - OTHER INFORMATION

Perfluoroalkyl Methacrylic Copolymer is not identified by CAS #. The specific properties of this copolymer are held in confidence by the manufacturer.

HMIS HAZARD RATINGS

HEALTH

1

0 = INSIGNIFICANT

3 = HIGH

FLAMMABILITY

0

1 = SLIGHT

4 = EXTREME

REACTIVITY

0

2 = MODERATE

PERSONAL PROTECTIVE EQUIPMENT

A

Safety Glasses

REVISION SUMMARY:

This MSDS has been revised in the following sections:

Section 3 Revised hazard rating

Section 15 Additional information

MSDS Prepared by: Comprehensive Data Base, Inc.

P.O. Box 5604

Lakeland, FL 33807 USA

(863) 644 - 3298 www.compdatabase.com

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.