

## MATERIAL SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** : SSA1 100% RTV Acetoxy Silicone Sealant  
**DISTRIBUTOR** : Rich Innovation Marketing, Inc.  
**ADDRESS** : 821 Zacateros St., Sta. Cruz Manila, Philippines  
**TELEPHONE** : (02) 733-3007; 733-7786  
**FAX** : (02) 736-4589

#### PRODUCT USE:

Mainly for sealing all kinds of glass doors and windows; automotive, ship, packaging, advertisement and family decorations. And it also can be used in sealing among the glass, ceramics, aluminum alloys, plastics, woods and papers.

### SECTION 2: PHYSICAL AND CHEMICAL PROPERTIES

**Specific Physical Form** : Non-sag caulk  
**Color** : Clear, black, silvery gray, white  
**Solubility (in water)** : No  
**Ph value, +/- .3** : Not applicable  
**Boiling Range** : Not applicable  
**Vapor Pressure (mmhg)** : Not applicable  
**Vapor Density** : Heavier than air  
**Specific Gravity** : 1  
**ph** : Neutral / Acetoxy

### SECTION 3: HAZARDS IDENTIFICATION

INGREDIENT	C.A.S. No	PERCENT	TSCA
ACETIC ACID**	64 – 19 – 7	< 5.0	Y
ETHYLTRIACTOXY SILANE	17689 – 77 – 9	< 5.0	Y
METHYLTRIACTOXY	4253 – 34 – 3	< 5.0	Y

#### Ingredient Notes:

\* Cured sealant is non-hazardous

\*\* Acetic acid is not a component but is released upon curing on exposure to humid air.

#### SECTION 4: FIRE FIGHTING MEASURES IDENTIFICATION(FLASH,UEL,LEL FOR SOLVENT ONLY

Flammability Class	IIIB
Flash Range:	over 100.°C
Tag Closed Cup	
Explosive Range (LEL/UEL):	Not Applicable

**EXTINGUISHING MEDIA:**

Carbon Dioxide---Dry Chemical---Foam---Water

**SPECIAL FIRE-FIGHTING PROCEDURES:**

Self-contained breathing apparatus and protective Clothing.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Any container may rupture when exposed to extreme heat.

Use water to cool closed containers.

## SECTION 5: HEALTH HAZARD DATA

**ROUTES OF ENTRY:**

ENTRY THROUGH...

Inhalation? Yes | Skin? Yes | Ingestion? Yes

TARGET ORGANS...

## Normal Exposure -- Acetic Acid: Eye, Skin, Respiratory Tract

## Overexposure -- Acetic Acid: Eye, Skin, Respiratory Tract

CARCINOGENICITY:

NTP? N/E | IARC Monographs? N/E | OSHA? N/A

## EFFECTS OF OVEREXPOSURE

Eyes: Can cause irritation, redness, tearing and blurred vision.

Skin: Repeated contact with uncured product may cause irritation

Inhalation: Moderate irritation may result from inhaling the

Acetic acid vapors released during curing.

Ingestion: May cause nausea and vomiting.

## FIRST AID MEASURES

Eyes: Immediately flush with water for at least 15 minutes, and get medical attention if irritation persists.

**Skin:** Remove completely with dry cloth or paper towel. Wash thoroughly with soap and water.

**Inhalation:** Move person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

**Ingestion:** May be harmful depending upon quantity injected.  
Get immediate medical attention if ill effects develop.

**SECTION 6: STABILITY AND REACTIVITY**

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur.

**INCOMPATABILITY:**

Oxidizers can cause reaction. Air and moisture causes curing and releases acetic acid vapors.

**CONDITIONS TO AVOID:**

Exposure to air and moisture until ready to use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products.

**SECTION 7: ACCIDENTAL RELEASE AND DISPOSAL MEASURES****STEPS TO BE TAKEN IN CASE OF SPILL:**

Ventilate confined areas. (Open windows and doors)

Wipe or scrape up material and put in a sealable safety container. Wash walking surfaces with detergent and water to reduce hazard of slipping.

**WASTE DISPOSAL METHOD:**

Dispose of following local, state, and federal regulations.

Cured material is non-hazardous.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION****Occupational Exposure Limits**

ACGIH	TLV ACGIH	TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
ACETIC ACID **					
	10.00 PPM	N/est	N/est	N/est	10.00 PPM
ETHYLTRIACETOXY SILANE					
	10.00 PPM	N/est	N/est	N/est	10.00 PPM
METHYLTRIACETOXY SILANE					
	10.00 PPM	N/est	N/est	N/est	10.00 PPM

**RESPIRATORY PROTECTION:**

Use NIOSH approved respiratory protection if TLV is exceeded.

**VENTILATION:**

Use only in well ventilated areas.

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

**PROTECTIVE CLOTHING:**

Rubber gloves should be worn.

**EYE PROTECTION:**

Chemical goggles should be worn.

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**HANDLING AND STORAGE PRECAUTIONS:**

Keep container closed when not in use.

Avoid contact with eyes and skin. Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause severe eye irritation.

Keep out of reach of children.

**SECTION 9: REGULATORY INFORMATION****Notice to Reader:**

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.