

RTV SILICONE

SCHOOL BUS YELLOW

Our **YELLOW RTV SILICONE** adhesive is a break-through in pressurized packaging that has a wide variety of sealing and bonding uses. **YELLOW RTV SILICONE** will adhere to a number of surfaces; including metal, wood, glass, porcelain, plastic, painted surfaces, ceramics and rubber. Its ideal for use where ever a strong permanently elastic waterproof caulk, sealant or adhesive is needed. **YELLOW RTV SILICONE** is available in 10.3 oz tubes or 8 oz pressurized containers.



| FOR USE BY | FOR USE ON | FEATURE-BENEFIT |
|------------|------------|-----------------|
|------------|------------|-----------------|

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|------------------|---------------------------------|-------------------------------------|
| Bus Garages | Body Seam Sealer | Flexible |
| Day Care Centers | Bonds Nameplates | Durable Sealant |
| Equipment Rental | External Body Patches | Bonds Most Materials |
| Excavating Co. | Insulates Electrical Components | Withstands Pressures up to 350 PSI. |
| Hospitals | Machinery Flanges | Will Not Shrink |
| Hotels/Motels | Seal Wiring Harness | Can Withstand Intermittent |
| Municipalities | Seals Lights | Temperatures up to +600°F |
| Resorts | Seals Windows/Doors | |
| Schools | | |
| Spas | | |

DIRECTIONS

Clean and Dry Surface. Cut nozzle at desired bead size and tilt to actuate and apply bead of silicone. After application leave a small bead extending from nozzle which will seal and form a plug. For re-use gently pull the plug out, if it breaks use a paper clip to get it out. Do not use for head gasket. Please also note that this sealant is not paintable. If painting is required, complete before using this product. This product is not suitable for below waterline marine applications.

TECHNICAL DATA

Composition: Adhesive Silicone Sealer
Type: Room Temp. Vulcanizing Caulk
Toxicity: Low
Flammability: None
Color: School Bus Yellow

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CONTACT INFORMATION

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114 SOUTHFIELD PKWY
SUITE 120
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MATERIAL SAFETY DATA SHEET

100% RTV Silicone - Standard Acetoxy



Purity Chemicals
114 Southfield Pkwy Suite 120
Forest Park, Ga. 30297
EMERGENCY PHONE: 931-296-2291

1. **PRODUCT IDENTIFICATION** Product Identification: **100% RTV Silicone: clear, white, black, blue, bronze, aluminum, red, Trans white, almond, grey, biscuit, light grey, snowy white**
Chemical Name: Silicone Sealant Chemical Family: Silicone Sealant Formula: Mixture
2. **PRODUCT COMPONENTS**
- | COMPONENT | CAS# | WT% | EXPOSURE LIMITS |
|-------------------------|-----------|-----|---|
| Methyltriacetoxysilane | 004253343 | 2 | See acetic acid comments. |
| Silica, Amorphous | 007631869 | 10 | Observe particulates limits. OSHA PEL: TWA 15 mg/m3 total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TWA 100 mg/m3 total dust. |
| Ethyltriacetoxysilane | 017689779 | 2 | |
| Liquefied Petroleum Gas | 68476857 | 1-5 | OSHA PEL: 1000ppm, TWA/TLV: 1000ppm |
3. **PHYSICAL AND CHEMICAL PROPERTIES** Physical form: Paste
Color: depends on specific color ordered
Odor: Acetic acid odor
Specific Gravity @ 25c: 1.04
Viscosity: Not applicable
Freezing/Melting Point: Not determined
4. **FIRE AND EXPLOSION DATA**
Flash Point (Closed Cup): Not determined
Auto ignition: Not determined
Flammability Limits in Air: Not determined
Extinguishing Media: Carbon Dioxide(CO2). Water. Water fog (or spray) Dry Chemical. Foam.
Unsuitable Extinguishing Media: None.
Fire Fighting Procedures: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.
Unusual Fire Hazards: None.
Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Sulfur Oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Iodine compounds. Formaldehyde.
If container is an aerosol product: Treat as compressed gas: extinguishing media- CO2, Dry Chemical, and Water Fog.
5. **REACTIVITY DATA**
Stability: Stable
Incompatibility (*material to avoid*): Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapors to form.
Conditions to avoid: Exposure to air or moisture until ready to use.
Hazardous decomposition products: Silicone dioxide, carbon dioxide, and traces of incompletely burned carbon prod.
Hazardous Polymerization: Will not occur
Conditions to Avoid: Not applicable
Comments: None.
6. **HEALTH HAZARD DATA**
Acute signs/effects of overexposure:
Ingestion: May cause gastric distress.
Skin contact: Uncured product contact will irritate lips, gums, tongue and skin.
Inhalation: Causes mild respiratory irritation.
Eye contact: Uncured product contact irritates eyes.
Medical conditions aggravated: None known.
Other: Acetic acid released during curing. Chronic effects of overexposure: None known.
- Emergency first aid procedures:**
Ingestion: No first aid should be needed.
Skin: To clean from skin, remove completely with a dry cloth or paper towel before washing with detergent and water. Get medical attention if irritation develops.
Inhalation: Remove to fresh air.
Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.
Note to physician: None known.
Toxicity:**Product Information
Acute Oral LD50>10,000 MG/KG
Acute dermal LD50 None found MG/KG
Acute Inhalation LC50 None found.
Other: None known.
Ames test: Unknown
Principle routes of exposure: Eyes, Inhalation
Products/Ingredients: None known
7. **SPECIAL PROTECTIVE EQUIPMENT**
Respiratory Protection: Use in a well ventilated area.
Protective Gloves: Cloth gloves.
Eye and Face Protection: Safety glasses.
Other Protective Equipment: None known.
Ventilation: Use only in well ventilated area.
8. **SPILL, LEAK, AND DISPOSAL PROCEDURES**
Action to be taken if material is released or spilled: Wipe or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.
Disposal Method: Disposal should be made in accordance with Federal, State, and Local Regulations.
9. **SPECIAL PRECAUTIONS**
Precautions to be taken in handling and storage: Avoid contact with skin and eyes. CAUTION! Wearers of contact lenses must not handle lenses until all sealant has been cleaned from fingertips; residual silicone will transfer to lenses and cause severe eye irritation.
Products releases acetic acid during application and curing.
Use mechanical ventilation to stay below TLV of 10 PPM acetic acid.
Uncured product contact irritates eyes.
Uncured product contact irritates skin.
Use in a well ventilated area to prevent irritation by vapors.
Engineering Controls: Eyewash stations.
10. **SHIPPING AND REGULATORY CLASSIFICATION DATA** DOT Shipping Name: Consumer Commodity, DOT Hazard Class: ORM-D, DOT Label (s): None, EPA Hazard Class: Eye irritant. CPSC Classification: Eye irritant., Transportation Class: IMO None., RID (OCTI) None, ADR (ECE) None, RAR (IATA) None, NEPA/HMIS Classification: Flammability 1, Reactivity 0, Health 1

Additional information: These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.