

Check Seal 11RTV Safety Data Sheet



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture

Product Name: Check Seal 11RTV
Product Code(s): 0873
Product Use: Flexible cure leak sealant
Manufacturer: South Coast Products
20 Southbelt Industrial Dr
Houston, TX 77047 USA
+1 713 225 0048

Emergency telephone number: +1 813 248 0585, 24 hours
Refer to code 0873

2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion (Category 1B)

Eye damage (Category 1)

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statements

H314 – Causes severe skin burns and eye damage.

Precautionary Statements

P280 – Wear protective gloves/protective clothes/eye protection/face protection.

P301+P330+P331+P310 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353+P310 – IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338+P310 – IF IN Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Other hazards which do not result in classification

High pressure injection under skin is a medical emergency. Curing releases acetic acid which may be irritating to respiratory tract.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Flexible moisture curing leak sealant.

Hazardous components:

| Component | Concentration |
|--|---------------|
| Methyltriacetoxysilane CAS-No. 4253-34-3 EC-No. 224-221-9 | 3- <5% |
| Ethyltriacetoxysilane CAS-No. 17689-77-9 EC-No. 241-677-4 | 3- <5% |

4. FIRST AID MEASURES

- Inhalation:** Move exposed person to fresh air. Keep at rest. Get medical attention if symptoms persist.
- Ingestion:** Rinse mouth and drink plenty of water. Do not induce vomiting. If vomiting occurs keep head down to avoid aspiration. Get medical attention.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention; continue to flush skin on the way to the doctor/hospital.
- Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
- Remarks:** Show this safety data sheet to physician or emergency personnel.

5. FIRE-FIGHTING MEASURES

- Suitable media:** Use dry chemical, CO₂, water spray (fog) or foam.
- Not suitable:** Do not use water jet.
- Hazardous combustion products:** Carbon oxides, silicon dioxide. Formaldehyde may be released by uncured product over 148°C..
- Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Wear appropriate personal protection equipment (see section 8).
- Environmental precautions:** Recover free product. Flush area with plenty of water and wash with a hard surface cleaner. Dispose of material in accordance with all regulations.

7. HANDLING AND STORAGE

- Handling:** Avoid all contact. Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash

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thoroughly after handling. Follow good hygiene and housekeeping practices.

Storage: Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 30°C (86°F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use with adequate ventilation.

Eye/face protection: Safety glasses at a minimum. Splash-proof goggles if there is a risk of eye contact. Ensure eye bath is to hand.

Hand protection: Protective gloves (nitrile). Inspect gloves prior to use.

Skin protection: No additional protection required beyond normal industrial attire is required.

Respiratory protection: Where ventilation is inadequate, use NIOSH-approved respirator with combination organic vapor/acid gas cartridges. If respirator is sole means of protection, use full face supplied air respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Black, buttery semi-solid (rubber after curing); vinegary odor

pH: No data available

Flash point: > 100°C

Evaporation rate: < 1

Upper flammability limit: Not relevant

Lower flammability limit: Not relevant

Vapor pressure: No data available

Vapor density: < 1

Relative density: ~ 1.0

Solubility: Insoluble in water

VOCs: < 29 g/L

Viscosity: No data available

10. STABILITY AND REACTIVITY

Chemical stability: Stable

Conditions to avoid: Water, moisture, extreme heat

Incompatible materials: Strong oxidizers

Hazardous decomposition products: Carbon oxides, silicon dioxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No inhalation or dermal data available.

Methyltriacetoxysilane: LD50 Oral – rat – 1600 mg/kg

Ethyltriacetoxysilane: LD50 Oral – rat – 1460 mg/kg

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Skin corrosion/irritation:

Methyltriacetoxysilane/ethyltriacetoxysilane: Skin corrosive – rabbit

Serious eye damage/irritation:

Methyltriacetoxysilane: Eye corrosive – rabbit

Ethyltriacetoxysilane: Mild eye irritant

Sensitization: No skin sensitization – guinea pig.

Germ cell mutagenicity: No mutagenic effects in tests.

Carcinogenicity: No ingredients present at levels over 0.1% reported to be known or potentially carcinogenic.

Reproductive toxicity: No reproductive effects in tests.

STOT – single exposure: No data available.

STOT – repeated exposure: No data available.

Aspiration hazard: No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Methyltriacetoxysilane: LC50 – *Oncorhynchus mykiss* – 96h - >110 mg/L

EC50 – *Daphnia magna* – 48h - > 100 mg/L

EC50 – *Pseudokirchnerelle subcapitata* – 72h - > 3.6 mg/L

Ethyltriacetoxysilane:

LC50 – *Danio rerio* – 96h – 251 mg/L

EC50 – *Daphnia magna* – 48h – 168.7 mg/L

EC50 – Calculation method – 96h – 1200 mg/L

Persistence/degradability: Methyltriacetoxysilane is not biodegradable, and reacts with water to form acetic acid. Ethyltriacetoxysilane is readily biodegradable.

Bioaccumulative potential: No significant bioaccumulation expected.

Mobility: High mobility in soil is expected.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.

14. TRANSPORT INFORMATION

DOT (US): Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

15. REGULATORY INFORMATION

US Regulations

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SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title II, Section 302

SARA 313 Components: None

SARA 311/312 Hazards: None

State Regulations

California Prop 65: No ingredients listed.

Massachusetts Right to Know: No ingredients listed.

New Jersey Right to Know: No ingredients listed.

Pennsylvania RTK Hazardous Substances: No ingredients listed.

United States inventory (TSCA): All ingredients listed or exempt.

International regulations

Canada: WHMIS Classification: E (corrosive to skin and eyes). **WHMIS:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. **Canada Domestic Substances List:** All ingredients listed or exempt.

Europe inventory (EINECS): All ingredients listed or exempt.

Australia inventory (AICS): All ingredients listed or exempt.

New Zealand inventory (NZIoC): All ingredients listed or exempt.

Korean inventory (KECI): All ingredients listed or exempt.

Japan inventory (ENCS): All ingredients listed or exempt.

China inventory (IECSC): All ingredients listed or exempt.

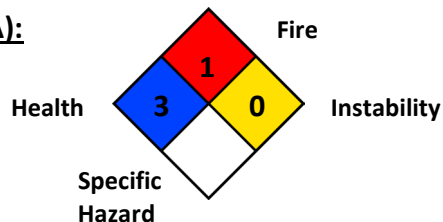
Philippines inventory (PICCS): All ingredients listed or exempt.

16. OTHER INFORMATION

Hazardous Material Information System (USA):

| | |
|---------------------|---|
| HEALTH | 3 |
| FIRE | 1 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | B |

National Fire Protection Association (USA):



Revision information: Original GHS issue 3 Nov 2014. Rev 1: added VOC level. Rev 2: reviewed with no changes. Rev 3: reviewed with no changes.

END OF SAFETY DATA SHEET