

# Check Seal 8 Part A Safety Data Sheet

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

### Identification of the substance or mixture

**Product Name:** Check Seal 8 Part A  
**Product Code(s):** 0926A  
**Product Use:** Epoxy curing agent  
**Manufacturer:** South Coast Products  
20 Southbelt Industrial Dr  
Houston, TX 77047 USA  
**Emergency telephone number:** +1 813 248 0585, 24 hours  
Refer to code 0926A  
**E-mail address for questions regarding this SDS:** [sharons@socousa.com](mailto:sharons@socousa.com)

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin irritation (Category 2) – H315  
Serious eye damage/eye irritation (Category 2A) – H319  
Skin sensitization (Category 1) – H317  
Respiratory sensitization (Category 1B) – H334

### GHS label elements



### **Signal Word:**

Danger

### **Hazard statements:**

H315 – Causes skin irritation  
H317 – May cause an allergic skin reaction  
H319 – Causes serious eye irritation  
H334 – May cause allergy or asthma symptoms or respiratory difficulties if inhaled

### **Precautionary statements:**

P280 – Wear protective gloves/eye protection/face protection.  
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

P342 + P311 – If experiencing respiratory symptoms: Call a doctor.

**Other hazards:** High pressure injection under skin is a medical emergency.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component   | Concentration/Classification |
|---|------------------------------|
| <b>ATBN polymer</b><br>CAS-No. 68683-29-7                       | <b>40-60%</b>                |
| <b>Polyethylpolyamine (Proprietary)</b><br>CAS-No. not known    | <b>1-3%</b>                  |
| <b>Polyethylpolyamine #1 (Proprietary)</b><br>CAS-No. not known | <b>1-3%</b>                  |

### 4. FIRST AID MEASURES

**General:** If exposed or concerned, get medical attention or advice.

**Inhalation:** Move exposed person to fresh air. If effects occur, get medical attention.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Get medical attention.

**Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms persist.

**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention.

#### **Most important symptoms and effects, both acute and delayed**

**Acute:** Inhalation: respiratory irritation, difficulty breathing. Skin: redness, irritation. Eyes: redness, tearing, pain.

**Delayed:** Inhalation: respiratory irritation, difficulty breathing. Skin: redness, irritation, allergic reaction.

### 5. FIRE-FIGHTING MEASURES

**Suitable media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Not suitable:** Do not use water jet.

**Combustion products:** Carbon monoxide, carbon dioxide, nitrogen oxides

**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).

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**Environmental precautions:** Keep product out of sewers and watercourses, prevent soil penetration. Advise authorities if large amounts of product enter waterways or extensive land areas.

**Methods and materials for containment and cleaning up:** Recover free product. Use suitable oil adsorbent and dispose of material in accordance with all regulations.

### 7. HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash 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. Do not expose to extreme cold. Store at 5 – 40°C, away from strong oxidizers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:**

**Components with occupational exposure limits:**

| Chemical name                          | CAS no. | OSHA PEL        | ACGIH TLV |
|--|---------|-----------------|-----------|
| Polyethylenepolyamine (Proprietary)    | unknown | not established | 1 ppm TWA |
| Polyethylenepolyamine #1 (Proprietary) | unknown | not established | 1 ppm TWA |

**Engineering controls:** Use with adequate ventilation.

**Eye/face protection:** Safety glasses approved under NIOSH. Ensure eye bath is to hand.

**Hand protection:** Protective gloves approved under NIOSH. Nitrile or butyl rubber recommended.

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

**Respiratory protection:** Use a NIOSH approved respirator where air levels exceeding TWA may exist. Organic vapor cartridges.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odor:** White paste, amine odor

**Odor threshold:** No data available

**pH:** Not applicable, insoluble in water

**Melting point/freezing point:** No data available

**Initial boiling point and boiling range:** No data available

**Flash point:** >115°C (240°F)

**Evaporation rate:** No data available

**Flammability (solid/gas):** No data available

**Upper flammability limit:** No data available

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|  |                    |
|--|--------------------|
| <b>Lower flammability limit:</b>               | No data available  |
| <b>Vapor pressure:</b>                         | No data available  |
| <b>Vapor density:</b>                          | No data available  |
| <b>Relative density:</b>                       | 0.9                |
| <b>Density:</b>                                | 7.6 lb/gal         |
| <b>Solubility:</b>                             | Insoluble in water |
| <b>Partition coefficient: n-octanol/water:</b> | No data available  |
| <b>Autoignition temperature:</b>               | No data available  |
| <b>Decomposition temperature:</b>              | No data available  |
| <b>Viscosity:</b>                              | No data available  |
| <b>Volatiles by volume:</b>                    | 268 g/L            |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Chemical stability:</b>               | Stable   |
| <b>Polymerization:</b>                   | Will not occur without epoxy resin, then it may build up heat; very large volumes may cause dangerous exotherm |
| <b>Conditions to avoid:</b>              | Extreme heat   |
| <b>Incompatible materials:</b>           | Strong oxidizers   |
| <b>Hazardous decomposition products:</b> | Carbon oxides, nitrogen oxides   |

## 11. TOXICOLOGICAL INFORMATION

### Potential acute health effects

#### **Acute toxicity:**

#### ***Polyethylenepolyamine (Proprietary):***

LD50 oral – rabbit – 5500 mg/kg

LD50 oral – mouse – 38.5 mg/kg

LD50 oral – rat – 1080 mg/kg

od50 dermal – rabbit – 675 mg/kg

#### ***Polyethylenepolyamine #1 (Proprietary):***

LD50 oral – rat – 2800 mg/kg

LD50 dermal – rabbit – 550 mg/kg

**Eye damage/irritation:** Causes serious eye damage, including irreversible corneal damage.

**Skin corrosion/irritation:** Causes skin irritation.

### Potential chronic health effects

**Sensitization:** May cause allergic skin and respiratory reactions

**Carcinogenicity:** No ingredients suspected as carcinogens

**Mutagenicity:** No ingredients suspected as mutagens

**Reproductive toxicity:** No ingredients suspected as reproductive hazards

**STOT repeated exposure:** No known effects

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## 12. ECOLOGICAL INFORMATION

|                                   |   |
|-----------------------------------|---|
| <b>Ecotoxicity:</b>               | No known significant effects or critical hazards. |
| <b>Persistence/degradability:</b> | Not readily biodegradable                         |
| <b>Bioaccumulative potential:</b> | No information available                          |
| <b>Mobility in soil:</b>          | No information available                          |
| <b>Other adverse effects:</b>     | No information available                          |

## 13. DISPOSAL CONSIDERATIONS

|                        |   |
|------------------------|---|
| <b>Waste disposal:</b> | Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of as hazardous waste via licensed waste disposal operator. Follow all applicable regulations. |
|------------------------|---|

## 14. TRANSPORT INFORMATION

|  |                |
|--|----------------|
| <b>Transport information according to ADR, RID, ADN, IMDG, ICAO, IATA:</b> | Not regulated  |
| <b>Transport information according to USDOT:</b>                           | Not regulated. |

## 15. REGULATORY INFORMATION

### US Regulations

**SARA 302 Extremely Hazardous Substances:** None.  
**SARA 313 Components:** None.

### State Regulations

**California Prop 65:** No ingredients listed.  
**Massachusetts Right to Know:** Polyethylenepolyamine (Proprietary), Polyethylenepolyamine #1 (Proprietary)  
**New Jersey Right to Know:** Polyethylenepolyamine (Proprietary), Polyethylenepolyamine #1 (Proprietary)  
**Pennsylvania RTK Hazardous Substances:** Polyethylenepolyamine (Proprietary), Polyethylenepolyamine #1 (Proprietary)

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

### International regulations

**Canada: WHMIS Classification:** D2A: Material causing other toxic effects (Very toxic). D2B: Material causing other toxic effects (toxic). **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.

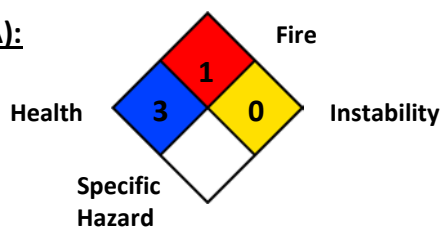
## 16. OTHER INFORMATION

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**Hazardous Material Information System (USA):**

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

**National Fire Protection Association (USA):**



**Revision information:** Original GHS issue.

**END OF SAFETY DATA SHEET**