

Check Seal 20 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 20 Part A
Product Code(s): 0876A
Product Use: Rubber leak sealant resin
Manufacturer: South Coast Products
20 Southbelt Industrial Dr
Houston, TX 77047 USA

Emergency telephone number: +1 813 248 0585, 24 hours
Refer to code 0876A

2. HAZARDS IDENTIFICATION

GHS Classification

Not classified

GHS Label Elements

Symbol(s)

None

Signal Word

None

Hazard Statements

None

Precautionary Statements

None

Other hazards which do not result in classification

High pressure injection under skin is a medical emergency.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Resin part of two-component rubber leak sealant

4. FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.

Ingestion: Wash out mouth with water. Do not induce vomiting. Get medical attention if nausea or stomach pains occur.

Skin contact: Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin requires immediate medical attention.

Check Seal 20 Part A

Safety Data Sheet



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 if redness or irritation persists.

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 monoxide, sulfur dioxide, hydrogen sulfide, acetaldehyde, low molecular weight hydrocarbons.
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. Dispose of material in accordance with all regulations. Keep product out of sewers and watercourses. Advise authorities if large amounts of product enters waterways or extensive land areas.
Methods and materials for containment and cleaning up: Recover free product. 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. Store below 65°C (150°F), away from strong oxidizers and alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use with adequate ventilation.
Eye/face protection: Safety glasses. Ensure eye bath is to hand.
Hand protection: Protective gloves (nitrile or butyl rubber). Inspect gloves prior to use.
Skin protection: No additional protection required beyond normal industrial attire is required.
Respiratory protection: Where ventilation is inadequate, use approved respirator with combination cartridges. If respirator is sole means of protection, use full face supplied air respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: White viscous liquid, strong sulfur odor

Check Seal 20 Part A

Safety Data Sheet



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:	>200°C (400°F) ()
Evaporation rate:	No data available
Flammability (solid/gas):	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.3
Density:	10.8 lb/gal
Solubility:	Insoluble in water; soluble in xylene, toluene
Partition coefficient: n-octanol/water:	No data available
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Volatiles by volume:	No data available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable
Conditions to avoid:	Extreme heat
Incompatible materials:	Strong oxidizers, alkalis
Hazardous decomposition products:	Carbon monoxide, sulfur dioxide, hydrogen sulfide

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No ingredients reported to be acutely toxic.
Skin corrosion/irritation:	No ingredients reported to be corrosive or irritating to skin.
Serious eye damage/irritation:	May cause mild redness and mechanical irritation in contact with eyes.
Sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No ingredients present at levels over 0.1% reported to be known or potentially carcinogenic.
Reproductive toxicity:	No data available.
STOT – single exposure:	No data available.
STOT – repeated exposure:	No data available.
Aspiration hazard:	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
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Check Seal 20 Part A

Safety Data Sheet



Persistence/degradability: No data available.
Mobility: No data available.
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

Transport information according to ADR, RID, ADN, IMDG, ICAO, IATA: Not regulated
Transport information according to USDOT: Not regulated.

15. REGULATORY INFORMATION

US Regulations

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: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

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

International regulations

Canada: WHMIS Classification: Not controlled. **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.
China inventory (IECSC): All ingredients listed or exempt.
Philippines inventory (PICCS): All ingredients listed or exempt.

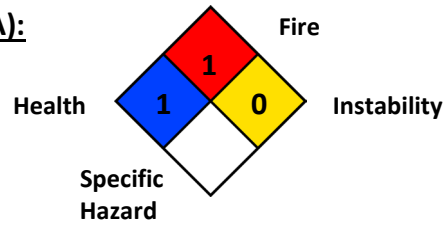
16. OTHER INFORMATION

Hazardous Material Information System (USA):

HEALTH	1
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

Check Seal 20 Part A Safety Data Sheet

National Fire Protection Association (USA):



Revision information: Original GHS issue 7 May 2015. Rev 1: reviewed with no changes. Rev 2: reviewed with no changes.

END OF SAFETY DATA SHEET

Check Seal 20 Part B Safety Data Sheet

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

Identification of the substance or mixture

Product Name: Check Seal 20 Part B
Product Use: Rubber leak sealant 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 0876B
E-mail address for questions regarding this SDS: sharons@socousa.com

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity, oral (Category 4)
Carcinogenicity (Category 1B)
Reproductive toxicity (Category 1A)
Specific target organ systemic toxicity-repeated exposure (Category 2)
Acute aquatic toxicity (Category 1)
Chronic aquatic toxicity (Category 1)

GHS label elements



Signal Word:

Danger

Hazard statements:

H302 – Harmful if swallowed.
H350 – May cause cancer.
H360 – May damage fertility or the unborn child.
H373 – May cause damage to organs through prolonged or repeated exposure.
H410 – Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P201 – Obtain special instructions before use.
P264 – Wash hands thoroughly after handling.
P273 – Avoid release to the environment.

Check Seal 20 Part B

Safety Data Sheet



P280 – Wear protective gloves/eye protection/face protection.
P310 + P312 + P330 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.
P308+P313 – If exposed or concerned: Get medical attention.
Other hazards: High pressure injection under skin is a medical emergency.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Curing agent part of two-component rubber leak sealant

Chemical name	CAS no.	Weight %
Lead dioxide (lead(IV) oxide, lead peroxide)	1309-60-0	45-55%

4. FIRST AID MEASURES

General: If exposed or concerned, get medical attention or advice.
Inhalation: Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.
Ingestion: Wash out mouth with water. Do not induce vomiting unless instructed to by medical personnel. Get medical attention.
Skin contact: Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin is a medical emergency.
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 if redness or irritation persists.

Most important symptoms and effects, both acute and delayed

Acute: Harmful if swallowed.
Delayed: May cause cancer. May damage fertility or the unborn child. May cause organ damage with prolonged or repeated exposure.

5. FIRE-FIGHTING MEASURES

Suitable media: Use dry chemical, carbon dioxide, water spray (fog) or foam.
Not suitable: Do not use water jet.
Combustion products: Carbon monoxide, carbon dioxide, lead oxides, hydrochloric acid.
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: Keep product out of sewers and watercourses, prevent soil penetration. Advise authorities if large amounts of product enters waterways or extensive land areas.

Check Seal 20 Part B

Safety Data Sheet



Methods and material 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. Store below 65°C, away from strong reducing agents and powdered metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Chemical name	CAS no.	Control parameter	Basis
Lead dioxide	1309-60-0	TWA: 0.05 mg/m ³	ACGIH TLV
Remarks: Central nervous system impairment, hematologic effects, peripheral nervous system effects, confirmed animal carcinogen with unknown relevance to humans.			

Engineering controls: Use with adequate ventilation.

Eye/face protection: Safety glasses. Ensure eye bath is to hand.

Hand protection: Protective gloves approved to a government standard such as NIOSH. Nitrile recommended.

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

Respiratory protection: No special measures required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Black viscous liquid, mild 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: 200°C (392°F)

Evaporation rate: No data available

Flammability (solid/gas): No data available

Upper flammability limit: No data available

Lower flammability limit: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: 2.1

Density: 17.5 lb/gal

Check Seal 20 Part B

Safety Data Sheet



Solubility: Insoluble in water
Partition coefficient: n-octanol/water: No data available
Autoignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Volatiles by volume: No data available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions
Conditions to avoid: Extreme heat
Incompatible materials: Strong reducing agents, powdered metals
Hazardous decomposition products: Carbon monoxide, carbon dioxide, lead oxides, hydrochloric acid

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Acute toxicity:
Ingestion: Harmful if swallowed
Skin corrosion/irritation: No ingredients reported to be corrosive or irritating to skin.
Serious eye damage/irritation: May cause mild redness and mechanical irritation in contact with eyes.
Sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: IARC Group 2A – probably carcinogenic to humans (lead dioxide)
Reproductive toxicity: May cause congenital malformation in the fetus. Known human reproductive toxicant.
STOT – single exposure: No data available.
STOT – repeated exposure: No data available.
Aspiration hazard: No data available.
Additional information: Lead salts cross the placenta. Adverse effects of lead on human reproduction, fetal development, and postnatal development have been reported. Excessive exposure can affect blood, nervous and digestive systems.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available
Persistence/degradability: Not readily biodegradable
Mobility: No information available
Other adverse effects: Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Check Seal 20 Part B

Safety Data Sheet



Waste disposal: 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

Transport information according to US DOT: Not regulated.

Transport information according to ADR, RID, ADN, IMDG, ICAO, IATA

UN number: UN3077

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (lead dioxide)

Hazard class: Class 9

Packing group PGIII

Additional information: As packaged in kits, this product may be eligible for small quantity exceptions as allowed in the applicable regulations.

15. REGULATORY INFORMATION

US Regulations

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: Acute health hazard, chronic health hazard

State Regulations

California Prop 65: WARNING! This product contains a chemical known to the State of California to cause cancer (lead and lead compounds).

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

Massachusetts Right to Know: Lead dioxide, CAS-No. 1309-60-0

Pennsylvania Right to Know: Lead dioxide, CAS-No. 1309-60-0

New Jersey Right to Know: Lead dioxide, CAS-No. 1309-60-0

International regulations

Canada: WHMIS Classification: Not controlled. **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.

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

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

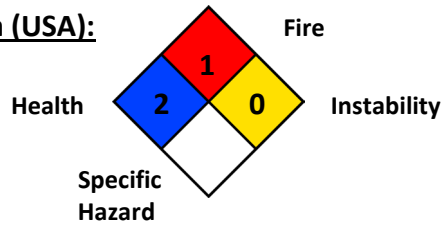
16. OTHER INFORMATION

Hazardous Material Information System (USA):

HEALTH	2*
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

Check Seal 20 Part B Safety Data Sheet

National Fire Protection Association (USA):



Revision information: Original GHS issue 8 May 2015. Rev 1: updated GHS Classification in Section 2. Rev 3: reviewed with no changes.

END OF SAFETY DATA SHEET