

Check Seal 3B

Safety Data Sheet

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

Identification of the substance or mixture

Product Name: Check Seal 3B
Product Code(s): 0865
Product Use: Curing rubber leak sealant
Manufacturer: South Coast Products
20 Southbelt Industrial Dr
Houston, TX 77047 USA

Emergency telephone number: +1 813 248 0585, 24 hours
Refer to code 0865

2. HAZARDS IDENTIFICATION

GHS Classification

Reproductive toxicity (Category 1B)
Acute aquatic toxicity (Category 1)
Chronic aquatic toxicity (Category 1)

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statements

H360 May damage fertility or the unborn child.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 IF exposed or concerned: get medical advice/attention.
P391 Collect spillage.
P405 Store locked up.

Other hazards which do not result in classification

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High pressure injection under skin is a medical emergency.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	Concentration
Bis(2-ethylhexyl) phthalate* CAS-No. 117-81-7 EC-No. 204-211-0 Index-No. 607-317-00-9 *Included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)	45-50%

4. FIRST AID MEASURES

- Inhalation:** Move exposed person to fresh air. If not breathing, give artificial respiration. Get medical attention.
- Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Get medical attention.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention. High pressure injection under skin requires immediate medical attention.
- 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.

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, carbon dioxide, products of incomplete hydrocarbon combustion.
- 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.

7. HANDLING AND STORAGE

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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 acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Components with workplace control parameters

Chemical name	CAS no.	Value	Control parameters	Basis
Bis(2-ethylhexyl) phthalate	117-81-7	TWA	5 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Lower respiratory tract irritation Confirmed animal carcinogen with unknown relevance to humans		
		TWA	5 mg/m ³	USA. NIOSH Recommended Exposure Limits
		Potential occupational carcinogen		
		TWA	5 mg/m ³	USA. Occupational Exposure Limits (OSHA)
		STEL	10 mg/m ³	USA. Occupational Exposure Limits (OSHA)

Engineering controls: Use with adequate ventilation.

Eye/face protection: Safety glasses. 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 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: Paste with variable color, mild odor

pH: Not applicable, insoluble in water

Flash point: 207°C (405°F) (Cleveland open cup)

Evaporation rate: 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: 0.9

Solubility: Insoluble in water, soluble in alcohols and petroleum distillates

Viscosity: No data available

10. STABILITY AND REACTIVITY

Chemical stability: Stable

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Conditions to avoid:	Extreme heat
Incompatible materials:	Strong oxidizers
Hazardous decomposition products:	Carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

Information on bis(2-ethylhexyl) phthalate:

Acute toxicity:

- LD50 oral – rat – 30,000 mg/kg
- LD50 inhalation – no data available
- LD50 dermal – rabbit – 25,000 mg/kg

Skin corrosion/irritation: Skin – rabbit – mild skin irritation – 24 h

Serious eye damage/irritation: Eyes – rabbit – mild eye irritation – 24 h

Sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: IARC: Group 2B – possibly carcinogenic to humans
NTP: Reasonably anticipated to be a human carcinogen
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen

Reproductive toxicity: May cause congenital malformation in the fetus. Presumed human reproductive toxicant. May cause reproductive disorders.

STOT – single exposure: No data available

STOT – repeated exposure: No data available

Aspiration hazard: No data available

12. ECOLOGICAL INFORMATION

bis(2-ethylhexyl) phthalate:

Ecotoxicity: Toxicity to fish: LC50 – Pimephales promelas (fathead minnow) - > 0.67 mg/l – 96 h
LC50 – Oncorhynchus mykiss (rainbow trout) - > 0.32 mg/l – 96 h
LC 50 – Cyprinodon variegatus (sheepshead minnow) - > 0.17 mg/l – 96h
LC50 – Lepomis machorchirus (bluegill) - > 0.20 mg/l – 96 h
NOEC – other fish - > 0.3 mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates:

Immobilization EC50 – Daphnia magna (water flea) - > 0.16mg/l – 48h

Product:

Persistence/degradability: No data available.

Mobility: No data available.

Other adverse effects: Bis(2-ethylhexyl) phthalate is very toxic to aquatic life with long lasting effects. Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

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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: UN3077, Environmentally hazardous substance, solid, n.o.s. (Bis(2-ethylhexyl) phthalate), Class 9, PGIII. Marine pollutant: no.

IATA: UN3077, Environmentally hazardous substance, solid, n.o.s. (Bis(2-ethylhexyl) phthalate), Class 9, PGIII. Marine pollutant: no. **Please note:** As all packaging configurations are less than the 5 kg limit specified in Special Provision A197, they are exempted from the marking, labeling and documentation requirements of the DGR.

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: bis(2-ethylhexyl) phthalate, CAS-No. 117-81-7

SARA 311/312 Hazards: Chronic health hazard

State Regulations

California Prop 65: WARNING: This product contains a chemical known to the State of California to cause cancer: bis(2-ethylhexyl) phthalate, CAS-No. 117-81-7. WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm: bis(2-ethylhexyl) phthalate, CAS-No. 117-81-7.

Massachusetts Right to Know: bis(2-ethylhexyl) phthalate, CAS-No. 117-81-7

New Jersey Right to Know: bis(2-ethylhexyl) phthalate, CAS-No. 117-81-7

Pennsylvania RTK Hazardous Substances: bis(2-ethylhexyl) phthalate, CAS-No. 117-81-7

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.

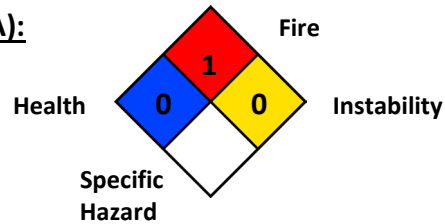
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16. OTHER INFORMATION

Hazardous Material Information System (USA):

HEALTH	0*
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

National Fire Protection Association (USA):



Revision information: Original GHS issue 4 June 2015. Rev 1: 8 June 2015: corrected technical name in section 14. Rev 2: 9 June 2015: added note in section 14, added missing pictogram in section 2. Rev 3: reviewed with no changes. Rev 4: reviewed with no changes.

END OF SAFETY DATA SHEET