



# Material Safety Data Sheet

## Section 1 – Product and Company Identification

**Product Name:** Tire Seal-R

**Product Synonyms:** Seal-R

**Product Number(s):** 1301, 1304, 1305, 1308, 1316, 1332, 1355

**Product Description:** Rubber tire and tube sealant

**Manufacturer:** Berryman Products, Inc.

3800 E Randol Mill Rd.

Arlington, TX 76011

(800) 433-1704 within USA

(817) 640-2376 outside USA

www.BerrymanProducts.com

**Emergency Contact:** Infotrac, Inc., (800) 535-5053

## Section 2 – Hazards Identification

**Emergency Overview:** May be harmful if swallowed.

**Routes of Exposure:** Ingestion, eye contact, skin contact

### Possible Health Hazards

**Eyes:** May cause mild to moderate irritation of the eyes.

**Skin:** May cause mild to moderate irritation of the skin.

**Inhalation:** Inhalation of mist may be mildly irritating to the respiratory tract.

**Ingestion:** Accidental ingestion of small quantities is not expected to result in adverse effects. Ingestion of larger amounts may include temporary gastrointestinal effects, including abdominal discomfort, pain, and nausea.

**Supplemental Information:** See “Section 11 – Toxicological Information” for additional information.

## Section 3 – Composition / Information on Ingredients

This product contains no hazardous ingredients exceeding the *de minimis* concentration reporting requirements found in §29 CFR 1910(g).

## Section 4 – First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, holding the eyelids apart at regular intervals to ensure complete irrigation. Dispose of contaminated contact lenses.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash affected areas thoroughly with soap and water. Seek medical attention if irritation persists.

**Inhalation:** If breathing difficulties occur, remove source of exposure or move victim to fresh air. Seek medical attention immediately if symptoms persist.

**Ingestion:** Do *not* induce vomiting unless otherwise directed by a medical professional. Dilute stomach contents by drinking 1-2 cups of fruit juice or water. Seek medical attention immediately.

## Section 5 – Firefighting Measures

**Flash Point and Method:** None by Setaflash closed-cup tester

**Flammability Limits (composite):** Lower – N/A      Upper – N/A

**Suitable Extinguishing Media:** All, including water fog, foam, dry chemical, and carbon dioxide

**Unsuitable Extinguishing Media:** N/A

**Protective Equipment:** Employ SBCA and full protective gear, including shield, as sealed product may vent, rupture, or explode violently at elevated temperatures.

**Specific Procedures:** Product will not support combustion but should be moved from area if possible without risk of injury. Use water spray to cool nearby containers.

## Section 6 – Accidental Release Measures

**General Remediation Overview:** Possible eye and skin irritant.

**Personal Precautions:** Avoid unnecessary contact with product.

**Environmental Precautions:** Prevent further loss of product if safely possible.

**Methods for Containment:** Use booms or other barriers as necessary to prevent further loss.

**Methods for Cleaning Up:** For small spills, mop up or absorb with inert material, such as corn cob, cellulose, or vermiculite. For large spills, pump or transfer material into containers for recovery and use absorbent material for collection of unrecoverable product.

## Section 7 – Handling and Storage

**Handling:** Avoid contact with skin and eyes. Wash hands thoroughly after use.

**Storage:** Store in cool, dry location.

## Section 8 – Exposure Controls / Personal Protection

**Engineering Controls:** Use outside with adequate ventilation to minimize exposure.

**Respiratory Protection:** Not required under normal conditions.

**Eye Protection:** Use of safety glasses with wrap-around lens or goggles is recommended.

**Skin Protection:** Employment of impermeable gloves is recommended.

**Other Protection:** For industrial settings, combination safety shower with eye wash station is recommended.

## Section 9 – Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Clear, light amber

**Odor:** Mild, negligible

**Freezing Point:** 0 °F (approximate)

**Boiling Point:** 225 °F (approximate)

**Flash Point:** None by Setaflash closed-cup tester

**Specific Gravity:** 1.03-1.04 at 68 °F

**pH:** 10.0-10.9, as supplied

**Solubility in Water:** Infinitely reducible

**Volatile Content:** 50-60%

**Evaporation Rate:** Slower than water

**Vapor Density:** Heavier than air

**Vapor Pressure:** 0.0 mm Hg at 68 °F

**VOC Content (Commercial):** 40-50% by weight (440 g/L) (by EPA Method 24)

**VOC Content (Consumer):** 0% by weight (0 g/L) (by CARB Method 310)

**VOC Composite Partial Pressure, PP<sub>c</sub>:** 0.0 mm Hg at 68 °F (as calculated by SCAQMD Rule 1171(B)(57))

## Section 10 – Stability and Reactivity

**Chemical Stability:** Stable under normal conditions

**Incompatible Materials:** Strong acids, oxidizers

**Hazardous Decomposition Products:** None under normal conditions of use. Thermal decomposition may yield carbon monoxide, carbon dioxide, organic oxygenates, and oxides of nitrogen and sulfur.

**Possibility of Hazardous Reactions:** Negligible

## Section 11 – Toxicological Information

**General Information:** This formulated product has not been evaluated as supplied for toxicological properties. Acute toxicity is anticipated to be fairly low. Chronic toxicity is expected to be negligible.

**Acute Toxicity:** No specific data available on blend

**Chronic Toxicity:** No specific data available on blend

**Carcinogenicity:** N/A

**Teratogenicity:** N/A

**Mutagenicity:** N/A

**Supplemental Information:** See “Section 2 – Hazards Identification” for additional information.

## Section 12 – Ecological Information

**Ecotoxicity:** This product is not anticipated to be ecologically influential in small amounts.

**Persistence and Degradability:** Not expected to be persistent. All primary ingredients have environmentally favorable biodegradation profiles.

**Bioaccumulation Potential:** None

## Section 13 – Disposal Considerations

**Disposal Instructions:** None specific. Dispose of waste in accordance with applicable regulations.

## Section 14 – Transportation Information

**US Department of Transportation (DOT):** In any size container shipped by ground, this product is *not* considered a hazardous material and is therefore *not* DOT-regulated.

**International Air Transportation Association (IATA):** In any size container shipped by air, this product is *not* considered a dangerous good and is therefore *not* IATA-regulated.

## Section 15 – Regulatory Information

### FEDERAL CONSIDERATIONS

**SARA Title III, Section 302 – Extremely Hazardous Substances:** Neither this product nor any of its components appear on the list of extremely hazardous substances (EHS) found in §40 CFR 355 Appendices A and B and are not subject to the emergency planning (EPCRA) requirements of §40 CFR 355.30 or the reportable quantity (RQ) and threshold planning quantity (TPQ) requirements of §40 CFR 355 Appendices A and B.

**SARA Title III, Section 304 – Hazardous Substances:** This product does not contain any component found in the list of hazardous substances of §40 CFR Table 302.4.

**SARA Title III, Sections 311/312 – Hazard Classes:** This product contains one or more ingredients that are classified into the following hazard categories outlined in §40 CFR 370.40: immediate (acute) health

**SARA Title III, Section 313 – Toxic Chemicals:** This product does not contain any toxic chemicals listed in §40 CFR 372.65 exceeding the *de minimis* concentration reporting requirements of §40 CFR 372.38.

## Section 15 – Regulatory Information (continued)

### FEDERAL CONSIDERATIONS (continued)

**Clean Air Act, Section 183(e) – Consumer and Commercial Products:** This product is *not* subject to the National Volatile Organic Compound Emission Standards for Consumer Products regulations found in §70 FR 69759.

**Toxic Substances Control Act (TSCA):** All chemicals known to be present in this product are either listed on the TSCA inventory or are not required to be per §15 USC 2601 et seq.

**Occupation Safety and Health Administration (OSHA):** This material safety data sheet is provided for compliance with applicable regulations of the Hazard Communication Standard (HCS) found in §29 CFR 1910.1200(g). Federal law requires persons receiving this document to study it carefully and become aware of the hazards of this product. Notify all employees, visitors, agents, and contractors of the information on this sheet.

**Consumer Product Safety Commission (CPSC):** This product is regulated under the Federal Hazardous Substances Act, is subject to the labeling requirements of 16 CFR 1500, and must include the following cautionary statements: Caution. May be harmful if swallowed. Keep out of the reach of children.

### REGIONAL CONSIDERATIONS

**Lake Michigan Air Directors Consortium (LADCO):** Category not regulated

**Ozone Transport Commission (OTC):** Category not regulated

### STATE CONSIDERATIONS

**California:** This product is *not* subject to the category VOC requirements of §94509 of Subchapter 8.5 Article 2 of the Air Resource Board's "Regulation for Reducing Emissions from Consumer Products."

This product is subject to the labeling requirements of "Proposition 65 – Safe Drinking Water and Toxic Enforcement Act of 1986" ("Prop 65") and must product bear the cautionary statement "WARNING: This product contains chemicals known to the state of California to cause birth defects or other reproductive harm."

**New Jersey:** For Right-To-Know ("RTK") labeling requirements, refer to "Section 3 – Composition / Information on Ingredients."

## Section 16 – Other Information

### Hazardous Materials Identification System (HMIS)

HMIS Hazard Rating		HMIS Hazard Index	
Health	1	Least	- 0
Flammability	0	Slight	- 1
Reactivity	0	Moderate	- 2
Protective Equipment	X	High	- 3
		Extreme	- 4

### Index of Abbreviations

**ACGIH** – American Council of Governmental and Industrial Hygienists

**N/A** – Not Applicable

**NE** – Not Established

**NIOSH** – National Institute for Occupational Safety and Health

**NTP** – National Toxicology Program

**PEL** – Permissible Exposure Limit (as required by OSHA)

**TLV** – Threshold Limit Value (as recommended by ACGIH)

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**Legal Disclaimer:** The information contained in this document is, to the best of Berryman Products, Inc.'s knowledge, complete and accurate but is not warranted. All materials may present unknown hazards and should be used with caution. It is the responsibility of the user to evaluate the information in a prudent manner and to use it in a manner consistent with its intended purpose. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.