

SAFETY DATA SHEET

Conforms to OSHA HazCom 2024 Standard

SECTION 1: IDENTIFICATION**1.1 PRODUCT IDENTIFIER**

R60NS

1.2 CHEMICAL NAME

Non-Skinning Butyl

1.3 SYNONYMS

Non-Skinning Butyl Sealant

1.4 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Industrial Use Adhesive and Sealant

1.5 NAME, ADDRESS, AND TELEPHONE OF MANUFACTURER

R2 Sealant Systems
3410 Millennium Blvd SE
Massillon, Ohio 44646
330-880-4700

1.6 EMERGENCY TELEPHONE NUMBER

CHEMTREC (24/7): 1-800-424-9300

SECTION 2: HAZARD IDENTIFICATION**2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200**

Acute Toxicity - Inhalation, Category 4
Reproductive Toxicity, Category 1B
STOT-SE, Category 1 (Respiratory)

Germ Cell Mutagenicity, Category 2
Carcinogenicity, Category 2
STOT-RE, Category 1 (Respiratory & Nervous System)

2.2 LABEL ELEMENTS**2.2A SIGNAL WORD**

DANGER!

2.2B HAZARD STATEMENT

Harmful if inhaled. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

2.2C HAZARD PICTOGRAMS**2.2D PRECAUTIONARY STATEMENTS**

Wash hands thoroughly after handling. Do not breathe vapors/fumes. Do not eat, drink, or smoke while using this product. Use in a well-ventilated area. Wear impervious gloves/protective clothing/eye protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF ON SKIN: wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs, get medical attention. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. IF INHALED: remove person to fresh air and keep comfortable for

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breathing. If experiencing respiratory symptoms, call a doctor or poison center. IF SWALLOWED: rinse mouth. DO NOT induce vomiting. Get medical advice/attention if you feel unwell. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

2.3 HAZARDS NOT OTHERWISE CLASSIFIED

None known.

2.4 UNKNOWN ACUTE TOXICITY

70.51% of the mixture consists of ingredient(s) of unknown acute toxicity - inhalation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 SUBSTANCE / MIXTURE**

Chemical Name	CAS Number	% by Weight*
Calcium carbonate	1317-65-3	30 – 60
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	15 – 40
Isoprene	78-79-5	1 – 5
Talc	14807-96-6	1 – 5
Petroleum distillates, hydrotreated light	64742-47-8	1 – 5
Titanium dioxide	13463-67-7	0.1 – 1
Ethylene glycol	107-21-1	0.1 – 1
Carbon black	1333-86-4	< 1

**In accordance with paragraph (i) of §1910.1200, the range is due to batch-to-batch variability in the product of the mixture, or for a group of substantially similar mixtures with similar chemical composition.*

SECTION 4: FIRST AID MEASURES**4.1 DESCRIPTION OF FIRST AID MEASURES****4.1A INHALATION**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention or call a poison center if you feel unwell.

4.1B SKIN

Immediately wash skin with plenty of soap and water. Avoid spreading material on unaffected skin. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash before reuse.

4.1C EYES

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately.

4.1D INGESTION

DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If a large amount is swallowed, get medical attention.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Aside from the information found under description of first aid measures (above) and indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

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4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Carbon dioxide. Dry chemical. Regular foam. Water spray.

5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Hazardous combustion products can include carbon oxides and various organic compounds. Heating may cause containers to rupture or explode.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Wear self-contained breathing apparatus for firefighting. Product is combustible – move product from fire area if it can be done without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Follow safe handling advice and personal protective equipment recommendations. Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Eliminate all ignition sources. Ventilate area. Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Wear recommended personal protection. Use only with adequate ventilation. Keep away from all ignition sources.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in properly labelled containers. Keep out of the reach of children. Keep container tightly closed. Store at room temperature in a well-ventilated place. Keep away from strong oxidizing agents, strong acids, and caustic solutions.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Occupational Exposure Guidelines		
Chemical Name	OSHA-PEL	ACGIH-TLV
Calcium carbonate	15 mg/m ³ TWA total dust	No data available

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Talc	3.5 mg/m ³ TWA respirable dust	2 mg/m ³ TWA total dust
Titanium dioxide	15 mg/m ³ TWA total dust	10 mg/m ³ TWA total dust
Ethylene glycol	No data available	25 ppm TWA vapor fraction
Carbon black	3.5 mg/m ³ TWA respirable dust	3 mg/m ³ TWA respirable dust

8.2 APPROPRIATE ENGINEERING CONTROLS

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

8.3 INDIVIDUAL PROTECTION MEASURES

Use safety glasses and chemical resistant gloves, such as nitrile or neoprene. Wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator with an organic vapor cartridge.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Paste
COLOR	Varies
ODOR	Petroleum
MELTING POINT	>149°C (>300°F)
FREEZING POINT	No data available
BOILING POINT	Not applicable
FLAMMABILITY	Combustible liquid
LOWER/UPPER EXPLOSION LIMIT	No data available
FLASH POINT	>93°C (>199°F)
AUTO-IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
pH	Not applicable
VISCOSITY	No data available
SOLUBILITY IN WATER	Negligible
PARTITION COEFFICIENT n-OCTANOL/WATER	No data available
VAPOR PRESSURE	No data available
DENSITY	13.0 lbs./gal
RELATIVE VAPOR DENSITY	No data available
PARTICLE CHARACTERISTICS	No data available
VOC	<54 g/L, less water and exempt solvents

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not classified as a reactivity hazard.

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10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

10.4 CONDITIONS TO AVOID

Heat, flames, sparks, and other sources of ignition. Avoid contact with incompatible materials.

10.5 INCOMPATIBLE MATERIALS

Avoid contact with strong oxidizers, strong acids, and caustic solutions.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous combustion products can include carbon oxides and various organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON THE LIKELY ROUTES OF EXPOSURE

Eye contact, skin contact, inhalation, and ingestion.

11.2 SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXIOLOGICAL CHARACTERISTICS

May cause respiratory tract irritation. May cause nausea, dizziness, drowsiness, unconsciousness, and central nervous system depression. May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

May be absorbed through the skin. May cause eye irritation, redness, and stinging. Ingestion may cause nausea, vomiting, and stomach pain.

11.3 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

Harmful if inhaled. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

11.4 NUMERICAL MEASURES OF TOXICITY

Chemical Name	Test Method	Species	Result
Distillates, petroleum, solvent-dewaxed heavy paraffinic	LD50, Oral	Rat	>15,000 mg/kg
Distillates, petroleum, solvent-dewaxed heavy paraffinic	LD50, Dermal	Rabbit	>5,000 mg/kg
Distillates, petroleum, solvent-dewaxed heavy paraffinic	LC50, Inhalation	Rat	>2,400 mg/m ³ – 4 hours
Isoprene	LD50, Dermal	Rat	>1 mL/kg
Isoprene	LC50, Inhalation	Rat	180 mg/L – 4 hours
Petroleum distillates, hydrotreated light	LD50, Oral	Rat	>5,000 mg/kg
Petroleum distillates, hydrotreated light	LD50, Dermal	Rabbit	>2,000 mg/kg
Petroleum distillates, hydrotreated light	LC50, Inhalation	Rat	>5.2 mg/L – 4 hours
Titanium dioxide	LD50, Oral	Rat	>10,000 mg/kg
Ethylene glycol	LD50, Oral	Rat	4,700 mg/kg
Ethylene glycol	LD50, Dermal	Rat	10,600 mg/kg
Carbon black	LD50, Oral	Rat	>15,400 mg/kg
R60NS ATE _{mix} Estimate	LD50, Oral	Estimate	>2,000 mg/kg
R60NS ATE _{mix} Estimate	LD50, Dermal	Estimate	>2,000 mg/kg
R60NS ATE _{mix} Estimate	LC50, Inhalation	Estimate	11 mg/L

11.5 INTERACTIVE EFFECTS

None known.

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11.6 CARCINOGENICITY

Suspected of causing cancer.

SECTION 12: ECOLOGICAL INFORMATION**12.1 ECOTOXICITY**

No data available.

12.2 PERSISTENCE AND DEGRADABILITY

No data available.

12.3 BIOACCUMULATIVE POTENTIAL

No data available.

12.4 MOBILITY IN SOIL

No data available.

12.5 OTHER ADVERSE EFFECTS

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 DESCRIPTION OF WASTE RESIDUES**

Do not dump into any sewers, on the ground, or into any body of water.

13.2 INFORMATION ON SAFE HANDLING AND METHODS OF DISPOSAL

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Do not re-use containers for any purpose.

SECTION 14: TRANSPORT INFORMATION**14.1 UN NUMBER**

Not regulated.

14.2 UN PROPER SHIPPING NAME

Not regulated.

14.3 TRANSPORT HAZARD CLASS

Not regulated.

14.4 ENVIRONMENTAL HAZARDS

Not regulated.

14.5 TRANSPORT IN BULK

Not regulated for normal workplace use.

14.6 SPECIAL PRECAUTIONS

None known.

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SECTION 15: REGULATORY INFORMATION**15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS****15.1A EPA SARA TITLE III HAZARD CLASS**

Classified as a Health Hazard.

15.1B OSHA HCS HAZARD CLASS

Acute Toxicity – Inhalation, Category 4. Germ Cell Mutagenicity, Category 2. Carcinogenicity, Category 2. Reproductive Toxicity, Category 1B. Specific Target Organ Toxicity – Single Exposure, Category 1. Specific Target Organ Toxicity – Repeated Exposure, Category 1.

15.1C TSCA

All components of this product are listed on TSCA inventory.

15.1D CANADIAN WHIMIS

This product contains: Isoprene 78-79-5, 1%. Ethylene glycol 107-21-1, 1%. Carbon black 1333-86-4, 1%.

15.1E CANADIAN DSL

All components of this product are listed on the Domestic Substance List.

15.1F CALIFORNIA PROPOSITION 65

Warning! This product can expose you to isoprene, titanium dioxide, and carbon black, which are known to the State of California to cause cancer, and ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION**PREPARATION DATE:** 02/20/2026**REVISION DATE:** n/a**VERSION:** 1.0

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