

Safety Data Sheet
acc. to OSHA HCS

Printing Date 07/20/2015

Revision Number 4

Revision Date 07/20/2015

1 Identification

- **Product identifier**
- **Trade name:** CRL Butyl Tape
- **Article number:** CRL1303, CRL1305, CRL1309, CRL1401, CRL1403, CRL1405, CRL1502, CRL1504
- **Relevant identified uses of the substance or mixture.** Sealant
- **Application of the substance / the mixture** Sealant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
C. R. Laurence Co., Inc.
2503 E. Vernon Ave.
Los Angeles, CA 90058-1281
Telephone: (323) 588-1281
- **Information department:** Environment protection department.
- **Emergency telephone number:**
ChemTrec: Day or Night within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
- **GHS label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07



GHS08

- **Signal word** Warning
- **Hazard statements**
Causes serious eye irritation.
Suspected of causing cancer.
- **Precautionary statements**
Wear eye protection / face protection.
Wash thoroughly after handling.
Obtain special instructions before use.

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Do not handle until all safety precautions have been read and understood.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:

· NFPA ratings (scale 0 - 4)



· HMIS-ratings (scale 0 - 4)

HEALTH	1	Health = 1
FIRE	1	Fire = 1
PHYSICAL HAZARD	0	Physical Hazard = 0

· Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture

· Hazardous components:

471-34-1	Calcium carbonate	10-25%
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	5-20%
1333-86-4	Carbon black	5-20%
8052-42-4	Asphalt	5-20%
9010-85-9	Isobutylene-Isoprene Copolymer	5-20%
14807-96-6	Talc (3MgO·4 SiO ₂ ·n H ₂ O)	5-20%
1305-78-8	Calcium oxide	≤2.5%
64742-62-7	Residual oils (petroleum), solvent-dewaxed	≤2.5%

· Additional information:

It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentrations listed in the composition section are percent by weight unless a gas. Gas concentrations are expressed in percent by volume.

4 First-aid measures

· Description of first aid measures

· After inhalation: Overexposure, remove to fresh air and seek medical attention.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing: Seek medical treatment.

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- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Protective clothing and respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
Dispose of contaminated material as waste in accordance with federal state and local regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** Store in cool dry area away from direct heat.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Keep away from open flames and high temperatures.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL Long-term value: 15 * 5 ** mg/m³
*total dust **respirable fraction

REL Long-term value: 10 * 5 ** mg/m³
*total dust **respirable fraction

TLV TLV withdrawn

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8052-42-4 Asphalt

REL Ceiling limit value: 5* mg/m³
*15-min; See Pocket Guide App. A

TLV Long-term value: 0.5* mg/m³
*inh. fraction; as benzene-soluble aerosol; BEIp

14807-96-6 Talc (3MgO•4SiO₂•H₂O)

PEL Long-term value: 20 mppcf ppm
(containing <1% Quartz)

REL Long-term value: 2* mg/m³
*respirable dust

1305-78-8 calcium oxide

PEL Long-term value: 5 mg/m³

REL Long-term value: 2 mg/m³

TLV Long-term value: 2 mg/m³

Ingredients with biological limit values:

8052-42-4 Asphalt

BEI -

Medium: urine

Time: end of shift at end of workweek

Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment (see listings below)

General protective and hygienic measures: Avoid contact with the eyes and skin.

Breathing equipment: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses with side shields.

Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Solid

Color: Black

Odor: Petrol-like

Odour threshold: Not determined.

pH-value: Not applicable.

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· Change in condition	
Melting point:	Undetermined.
· Boiling point:	163°C (325°F)
· Flash point:	
· Flammability (solid, gaseous):	Not determined.
· Ignition temperature:	
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Vapor pressure:	Not applicable.
· Specific gravity at 20°C (68°F):	1.4 g/cm ³ (11.683 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with Water:	Insoluble
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
Organic solvents:	<2 %
Solids content:	98.8 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity:**No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:**No dangerous reactions known.
- **Conditions to avoid:**No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** May irritate the skin.
- **on the eye:** May irritate the eye.
- **Sensitization:** No sensitizing effects known.

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· Additional toxicological information:

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

1333-86-4	Carbon black	2B
8052-42-4	Asphalt	2B

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

- **Aquatic toxicity:** Not expected to be harmful to aquatic organisms.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
This product if disposed or in the purchased form is not considered RCRA hazardous.

14 Transport information

- | | |
|-------------------------------------|---------------|
| · UN-Number | |
| · DOT, ADR, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT, ADR, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | not regulated |

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- | | |
|--|-----------------|
| • Environmental hazards: | Not applicable. |
| • Special precautions for user | Not applicable. |
| • Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| • UN "Model Regulation": | - |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

- **Proposition 65**

- **Chemicals known to cause cancer:**

1333-86-4 Carbon black

- **Chemicals known to cause reproductive toxicity:**

None of the ingredients is listed.

- **(DSL) Canada Domestic Substance List**

All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

1333-86-4	Carbon black	A4
8052-42-4	Asphalt	A4
14807-96-6	Talc (3MgO•4SiO ₂ •H ₂ O)	A4

- **MAK (German Maximum Workplace Concentration)**

1333-86-4	Carbon black	3B
8052-42-4	Asphalt	2
14807-96-6	Talc (3MgO•4SiO ₂ •H ₂ O)	3B

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

1333-86-4	Carbon black
8052-42-4	Asphalt

- **National regulations:**

- **Water hazard class:** Generally not hazardous for water.

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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, CRL makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will CRL or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

· **Department issuing SDS:** Environment protection department.

· **Creation Date:** 06/29/2011

· **Date of preparation / last revision** 07/20/2015 / 3

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carc. 2: Carcinogenicity, Hazard Category 2

USA