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1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Identifier**
- **Trade Name:** CRL BUTYL TAPE
- **Catalog Numbers:** 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 90058-1826
Information Phone Number: (323) 588-1281
- **Information department:** Global Regulatory 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. HAZARDS 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**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash thoroughly after handling.

2. HAZARDS IDENTIFICATION (CONTINUED)

Wear protective gloves/protective clothing/eye protection/face protection.

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)**



Health = 1

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 1

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	5-20%
1332-58-7	Kaolin	5-20%
1333-86-4	Carbon black	5-20%
14807-96-6	Talc (3MgO•4SiO ₂ •H ₂ O)	5-20%
8052-42-4	Asphalt	2.5-10%
546-93-0	Magnesite	2.5-10%
1305-78-8	calcium oxide	≤2.5%
13463-67-7	titanium dioxide	≤0.5%

· **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:**

Call a doctor immediately.

Overexposure, remove to fresh air and seek medical attention.

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

4. FIRST AID MEASURES (CONTINUED)

- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Seek medical treatment.
- **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.
Use fire fighting measures that suit the environment.
- **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**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **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.
- **Protective Action Criteria for Chemicals**

· PAC-1:		
471-34-1	calcium carbonate	45 mg/m ³
8052-42-4	Asphalt	30 mg/m ³
546-93-0	Magnesite	45 mg/m ³
1305-78-8	calcium oxide	6 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
· PAC-2:		
471-34-1	calcium carbonate	210 mg/m ³
8052-42-4	Asphalt	330 mg/m ³
546-93-0	Magnesite	260 mg/m ³
1305-78-8	calcium oxide	110 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	740 mg/m ³
· PAC-3:		
471-34-1	calcium carbonate	1,300 mg/m ³
8052-42-4	Asphalt	2,000 mg/m ³
546-93-0	Magnesite	1,600 mg/m ³
1305-78-8	calcium oxide	660 mg/m ³

6. ACCIDENTAL RELEASE MEASURES (CONTINUED)

7631-86-9 silicon dioxide, chemically prepared

4,500 mg/m³

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:** No special requirements.
- **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

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

Components with limit values that require monitoring at the workplace:	
471-34-1 calcium carbonate	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn
1332-58-7 Kaolin	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 2* mg/m ³ E; as respirable fraction
1333-86-4 Carbon black	
PEL	Long-term value: 3.5 mg/m ³
REL	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m ³ *inhalable fraction
14807-96-6 Talc (3MgO•4SiO₂•H₂O)	
PEL	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL	Long-term value: 2* mg/m ³ *respirable dust; and <1% Quartz

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)

TLV	Long-term value: 2* mg/m ³ *as respirable fraction; E
8052-42-4 Asphalt	
REL	Ceiling limit value: 5* mg/m ³ *15-min; See Pocket Guide App. A
TLV	Long-term value: 0.5* mg/m ³ *inh. fraction; as benzene-soluble aerosol; BEIp
546-93-0 Magnesite	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn
1305-78-8 calcium oxide	
PEL	Long-term value: 5 mg/m ³
REL	Long-term value: 2 mg/m ³
TLV	Long-term value: 2 mg/m ³
13463-67-7 titanium dioxide	
PEL	Long-term value: 15* mg/m ³ *total dust
REL	See Pocket Guide App. A
TLV	Long-term value: 10 mg/m ³
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:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONTINUED)

- **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
· Odor threshold:	Not determined.
· pH-value:	Not applicable.
· Change in condition	
Melting point:	Undetermined.
· Boiling point:	163 °C (325.4 °F)
· Flash point:	163 °C (325.4 °F)
· Flammability (solid, gaseous):	Not determined.
· 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.
· Vapor 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.

10. STABILITY AND REACTIVITY (CONTINUED)

- **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.
- **Additional toxicological information:**
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
1333-86-4	Carbon black	2B
8052-42-4	Asphalt	2B
7631-86-9	silicon dioxide, chemically prepared	3
14808-60-7	non-respirable quartz	1
13463-67-7	titanium dioxide	2B
· NTP (National Toxicology Program)		
14808-60-7	non-respirable quartz	K
· 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:**
- **Water hazard class 1 (Self-assessment):** slightly hazardous for water
- **Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.**
- **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:**
- **Must not be disposed of together with household garbage. Do not allow product to reach sewage system.**

13. DISPOSAL CONSIDERATIONS (CONTINUED)

Must be specially treated adhering to official regulations.

Disposal must be made according to official regulations.

· **Uncleaned packagings:**

· **Recommendation:** *This product if disposed or in the purchased form is not considered RCRA hazardous.*

14. TRANSPORT INFORMATION

· UN-Number	
· DOT, ADN, IMDG, IATA	<i>not regulated</i>
· UN proper shipping name	
· DOT, ADN, IMDG, IATA	<i>not regulated</i>
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	<i>not regulated</i>
· Packing group	
· DOT, IMDG, IATA	<i>not regulated</i>
· Environmental hazards:	<i>Not applicable.</i>
· Special precautions for user	<i>Not applicable.</i>
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	<i>Not applicable.</i>
· UN "Model Regulation":	<i>not regulated</i>

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**

Please contact H.B. Fuller for more information regarding Proposition 65 on this product:

reg.request@hbfuller.com .

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

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

· **New Jersey Right-to-Know List:**

1332-58-7	<i>Kaolin</i>
1333-86-4	<i>Carbon black</i>
8052-42-4	<i>Asphalt</i>
546-93-0	<i>Magnesite</i>

15. REGULATORY INFORMATION (CONTINUED)

1305-78-8	calcium oxide	
13463-67-7	titanium dioxide	
· New Jersey Special Hazardous Substance List:		
1333-86-4	Carbon black	CA
1305-78-8	calcium oxide	CO, RI
· Pennsylvania Right-to-Know List:		
1332-58-7	Kaolin	
8052-42-4	Asphalt	
1305-78-8	calcium oxide	
7631-86-9	silicon dioxide, chemically prepared	
13463-67-7	titanium dioxide	
· Pennsylvania Special Hazardous Substance List:		
None of the ingredients is listed.		
· Cancerogenity categories		
· EPA (Environmental Protection Agency)		
None of the ingredients is listed.		
· TLV (Threshold Limit Value established by ACGIH)		
1332-58-7	Kaolin	A4
1333-86-4	Carbon black	A4
14807-96-6	Talc (3MgO•4SiO2•H2O)	A4
8052-42-4	Asphalt	A4
14808-60-7	non-respirable quartz	A2
13463-67-7	titanium dioxide	A4
· MAK (German Maximum Workplace Concentration)		
1333-86-4	Carbon black	3B
14807-96-6	Talc (3MgO•4SiO2•H2O)	3B
8052-42-4	Asphalt	2
14808-60-7	non-respirable quartz	1
13463-67-7	titanium dioxide	3A
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
1333-86-4	Carbon black	
8052-42-4	Asphalt	
14808-60-7	non-respirable quartz	
13463-67-7	titanium dioxide	
· National regulations:		
· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.		
· 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, Royal Adhesives & Sealants 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 Royal

16. OTHER INFORMATION (CONTINUED)

Adhesives & Sealants 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:**

Global Regulatory Department.

reg.request@hbfuller.com

· **Creation Date:** 06/29/2011

· **Date of preparation / last revision** 10/19/2018 / 6

· **Abbreviations and acronyms:**

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

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

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

Carc. 2: Carcinogenicity – Category 2