

Printing Date 02/10/2016
Revision Date 02/10/2016

Safety Data Sheet acc. to OSHA HCS Revision Number 3 P.O. Box 10482 - Fort Wayne, IN 46852 2424 West State Blvd. - Fort Wayne, IN 46808 Toll Free: 800-348-7325 Office: 260-436-0521 sales@press-seal.com www.press-seal.com

#### 1 Identification

· Product identifier

This material safety data sheet (SDS) was prepared solely for the reference of, and as a courtesy to, Royal Adhesives & Sealants customers. The adhesive tape product to which this SDS refers is a manufactured item that meets the definition of an "article" under the OSHA Hazard Communication Standard (hereinafter "the Standard"), which exempts articles from the requirements of the Standard, including the requirement to provide an SDS. Under normal conditions of use this product is not expected to release hazardous chemicals, nor pose a physical hazard or health risk, such that the Standard would require Royal Adhesives & Sealants to provide an SDS. However, failure to use this product in accordance with Royal Adhesives & Sealants recommendations or under normal conditions could result in potential physical hazards, health risks, or other hazards.

- · Trade name: EZ-Wrap (Rubber) Exterior Butyl Joint Wrap
- · Article number: 731134-1
- · Relevant identified uses of the substance or mixture. Adhesive / None Known
- · Application of the substance / the mixture Sealants, Tapes and Adhesives
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Royal Adhesives & Sealants, LLC 4401 Page Avenue. P. O. Box 457 Michigan Center, MI 49254

Information Phone Number: 517-764-0334

- · 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

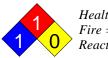
· Classification of the substance or mixture

The product does not meet the criteria for classification as hazardous under the GHS and 29 CFR 1910.1200

- · Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Additional information:

Exempt from regulation because this is an 'Article' that does not release or otherwise result in exposure to a hazardous chemical under normal use under the OSHA Hazrdous Communication standar 29 CFR 1910.1200

- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 1 Fire = 1 Reactivity = 0

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Trade name: EZ-Wrap (Rubber) Exterior Butyl Joint Wrap

· HMIS-ratings (scale 0 - 4)

HEALTH1Health = 1FIRE1Fire = 1PHYSICAL 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**: Adhesive
- · Hazardous components: No hazardous/reportable components.
- · Additional information:

All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an airborne dust. Exposure by these ingredients as used in sealants, putties, bedding compounds and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15.

4 First-aid measures

- · Description of first aid measures
- · After inhalation: Over-exposure from inhalation is highly unlikely. If presumed, seek medical attention.
- · After skin contact: Generally the product does not irritate the skin.
- · After eye contact: Seek medical treatment if eye becomes irritated.
- · 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

- V G
- Extinguishing mediaSuitable 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: No special measures required.

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· 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

Avoid prolonged or repeated contact with skin.

Avoid contact with eyes.

Wash thoroughly after handling.

- · Information about protection against explosions and fires: No special measures required.
- · 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 oxidizing agents.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- · 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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · 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: Keep away from foodstuffs, beverages and feed.
- · Breathing equipment: Not necessary if room is well-ventilated.
- · Protection of hands:



Protective gloves

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

· Material of gloves

Protective gloves are not required in most applications. However, protect your hands from extreme temperatures. 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.

· 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.

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· Body protection: Protective work clothing

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Information on basic physical and General Information	cnemical properties			
· Appearance:				
Form:	Solid			
Color:	Black			
· Odor:	Characteristic			
· Odor threshold:	Not determined.			
· pH-value:	Not applicable.			
· Change in condition				
Melting point:	Undetermined.			
Boiling point:	Undetermined			
· Flash point:	Not applicable.			
· 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.			
· Flammable limits:				
Lower:	Not Determined			
Upper:	Not Determined			
· Vapor pressure:	Not applicable.			
· Specific gravity:	Not Determined			
· Relative density	Not determined.			
· Vapor density	Not applicable.			
Evaporation rate	Not applicable.			
· Solubility in / Miscibility with				
Water:	Insoluble			
Partition coefficient (n-octanol/wat	ter): Not determined.			
· Viscosity:				
Dynamic:	Not applicable.			
Kinematic:	Not applicable.			
· Solvent content:				
Organic solvents:	0.0 %			
Solids content:	100.0 %			
· Other information	No further relevant information available.			

### 10 Stability and reactivity

· Reactivity No further relevant information available.

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- · 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 Heat, flames, sparks, hot surfaces, ignition sources.
- · Incompatible materials: Reacts with oxidizing agents.
- · Hazardous decomposition products: Carbon monoxide and carbon dioxide

### 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- · Primary irritant effect:
- on the skin: Generally this product does not irritate the skin.
- on the eye: Generally this product does not irritate the eye.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· 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: No further relevant information available.
- · 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: At present there are no ecotoxicological assessments.
- · 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.

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· Uncleaned packagings:

· Recommendation: Disposal must be made according to official regulations.

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· 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

• 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'': not regulated

### 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):

None of the ingredients is listed.

- · Proposition 65
- · Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· (DSL) Canada Dosmestic 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:

None of the ingredients is listed.

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· New Jersey Special Hazardous Substance List:

None of the ingredients is listed.

· Pennsylvania Right-to-Know List:

None of the ingredients is listed.

· 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)

None of the ingredients listed.

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

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

None of the ingredients is listed.

- · National regulations:
- · Water hazard class: Generally not 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 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: Environment protection department.
- · Creation Date: 05/23/2011
- · Date of preparation / last revision 02/10/2016 / 2
- · 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

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

USA