

PRODUCT NAME: **EXOWELD™ [SEALING PUTTY]**  
SDS DOCUMENT NUMBER: **EXO-QM-QD-SDS-SP**

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## 1 - IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

### PRODUCT IDENTIFIER

**Product Name:** EXOWELD™ Sealing Putty  
**Chemical Formula:** Made of butyl rubber and polyisobutylene as main raw material (Chlorobutyl)  
**Product Description:** Black Mastic Putty

### RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**Application:** Environmental Friendly non-solvent sealing adhesive material

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Manufacturer:** Exoweld (Pty) Ltd  
416 Heidelberg Road, Tulisa Park, Johannesburg, 2193  
Republic of South Africa  
Tel: +27 (0) 11 907 1355

**Emergency Telephone:** Bruno Tranchina I +27 (0)83 263 6004



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## 2 - HAZARDS IDENTIFICATION

### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**Classification** Not classified

### HAZARD STATEMENTS

**Eye Exposure:** Unlikely to cause eye irritation or injury.  
**Skin Exposure:** May cause mild skin irritation.  
**Inhalation:** Breathing in of this material is unlikely.  
**Ingestion:** Ingestion unlikely.  
**Signs and symptoms of exposure:** May include redness and burning of the skin.  
**Acute overexposure:** Not applicable.  
**Chronic overexposure:** Not applicable.

### PRECAUTIONARY STATEMENTS

**Prevention:** Respiratory protection not needed.  
Ventilation not needed.  
Protective gloves, cotton or other protective gloves.  
For eye protection wear glasses or goggles.  
Long sleeves and long trousers to prevent skin contact.

**Storage:** Store in a cool, dry area

**Disposal:** Recycle or dispose of contents and empty containers according to governmental, state and local regulations. Keep out of trash, water, sewer and drainage systems.



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VERSION: 00.02 (2017/08/02)**3 - COMPOSITION / INFORMATION ON INGREDIENTS****MIXTURES**

Chemical name	CAS No.	%
Confidential Ingredient A	Trade Secret	29.5%
Confidential Ingredient B	Trade Secret	2.6%
Confidential Ingredient C	Trade Secret	11.8%
Confidential Ingredient D	Trade Secret	22.5%
Chlorobutyl	68081-82-3	11.9%
Carbon Black	1333-86-4	21.7%

Other: The full text for all hazard statements is displayed in [Section 15](#).**4 - FIRST AID MEASURES****DESCRIPTION OF FIRST AID MEASURES**

**Inhalation:** No data

**Skin Contact:** Care should be taken in the removal of the adhesive. Get medical attention if too sensitive.

**Eye Contact:** Care should be taken in the removal of the adhesive. Get medical attention if too sensitive.

**Ingestion:** Low order of acute oral toxicity. If ingested could create blockage. Get medical attention.

**Notes to physician:** No data

Other: See information on toxicological effects in [Section 11](#).

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## 5 - FIREFIGHTING MEASURES

### SPECIFIC HAZARDS

**Hazards:** No known specific hazardous conditions exist.

### EXTINGUISHING MEDIA

**Extinguishing Media:** If possible, water should be applied as a spray from a fogging nozzle since this material is a surface burning material.  
Dry Chemical or Carbon Dioxide.

### ADVICE FOR FIREFIGHTERS

**Protective Equipment:** Fire fighters should wear a self-contained breathing apparatus when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

## 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**Personal Precautions:** Follow advice provided in Section 2 (PRECAUTIONARY STATEMENTS).

### ENVIRONMENTAL PRECAUTIONS

**Environmental Precautions:** Not Applicable.

### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

**Spill Clean-up Methods:** Not Applicable.

## 7 - HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Safe Handling Advice:** Not Applicable.

**Technical Measures:** Not Applicable.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Safe Storage Advice:** Not Applicable.

**Storage Conditions:** Store in cool, dry area.

## 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit Values: Not Applicable



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## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Mastic Tacky Putty.
<b>Colour:</b>	Black.
<b>Odour:</b>	Odourless.
<b>Odour threshold:</b>	Not applicable.
<b>pH:</b>	Not applicable.
<b>Melting point / freezing point:</b>	Not available.
<b>Boiling point:</b>	> 130°C (degree symbol).
<b>Flash point:</b>	>250°C (degree symbol).
<b>Evaporation point:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	May form Carbon Dioxide and Carbon Monoxide.
<b>Upper flammable limit</b>	Not available.
<b>Lower flammable limit</b>	Not available.
<b>Vapour pressure:</b>	Not applicable.
<b>Vapour density (air=1):</b>	Not applicable.
<b>Relative density (water=1)</b>	Not applicable.
<b>Solubility (in water):</b>	Not soluble.
<b>Partition coefficient (n-octanol / water):</b>	Not available.
<b>Auto-ignition temperature:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.
<b>Specific Gravity:</b>	Not applicable.
<b>Kinematic viscosity:</b>	Not available.
<b>Kst:</b>	Not available.
<b>MIE:</b>	Not available.



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## 10 - STABILITY AND REACTIVITY

### CHEMICAL STABILITY

**Reactivity:** Stable.

**Stability:** Stable.

### POSSIBILITY OF HAZARDOUS REACTIONS

**Hazardous Reactions:** Not applicable.

### CONDITIONS TO AVOID

**Conditions / materials to avoid:** Not applicable.

### INCOMPATIBLE MATERIALS

**Incompatible materials:** Not applicable.

### HAZARDOUS DECOMPOSITION PRODUCTS

**Hazardous decomposition products:** Not applicable.

## 11 - TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

**Product not tested as a whole** Refer to Section 3 for potential health effects.

### CARCINOGENICITY INFORMATION:

#### IARC, OSHA

This substance is not listed as carcinogenic by IARC, OSHA or the National Toxicology Program.

Carbon Black (21.7%) has been shown to cause cancer in laboratory animals. The relevance of this is uncertain. Carbon Black has been listed as carcinogen by IARC

## 12 - ECOLOGICAL INFORMATION

**Product not tested as a whole** Refer to section 2 (PRECAUTIONARY STATEMENTS) for information regarding accidental release. Keep out of trash, water, sewer and drainage systems.



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## 13 - DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

Recycle or dispose of contents and empty containers according to governmental, state and local regulations. Keep out of trash, water, sewer and drainage systems.

## 14 - TRANSPORT INFORMATION

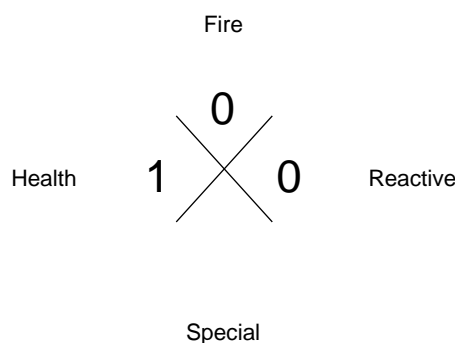
### LOCAL / INTERNATIONAL TRANSPORT REGULATIONS

Not a DOT hazardous Material

## 15 - REGULATORY INFORMATION

### HAZARD SYMBOL(S)

NFPA	Hazard rating
0	Insignificant
1	Slight
2	Moderate
3	High
4	Extreme



### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

**Local Regulations:** Hazardous Chemical Substances Regulations, 1995. Department of Labour Republic of South Africa, Section 43 of the Occupational Health and Safety Act of 1993.

**Foreign Regulations:** Not available.



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## 16 - OTHER INFORMATION

*(The information on this data sheet represents the most current data available to Exoweld (Pty) Ltd. All information is adequate to offer protection for all normal use as well as use of properly stored product, by properly trained personnel).*

The user is responsible for determining whether the product is fit for a particular purpose and suitable for the users method of use or application. Given the variety of factors that can affect the use and application of a Butyl Seal product, some of which are uniquely within the users knowledge and control, it is essential that the user evaluate the Butyl Seal product to determine whether it is fit for a particular purpose and suitable for the users method of use or application.

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