

Safety Data Sheet
 According to 1907/2006/EC, amended by Regulation (EU) N°
 2015/830

Printing date 03.02.2017

Version number 1000

Revision: 03.02.2017

1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Patches
- **Internal identification code:** 345100 - 345106, 345111, 345300 - 345304, 345312
- **Main recommended uses for the substance or product:**
 In the inner tube repair by cold method.
 For further information consult the technical data sheet.
- **Uses advised against**
 This product must not be used for applications other than those recommended in this section.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Borrachas Vipal S/A
 Rua Buarque de Macedo 365
 Nova Prata - RS
 95320-000
- **E-mail:** vipal@vipal.com.br
- **1.4 Emergency telephone number:** +55 54 3242 1666

2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008 Void**
- **Hazard pictograms Void**
- **Signal word Void**
- **Hazard statements Void**
- **Additional information:**
 To avoid risks to human health and the environment, comply with the instructions for use.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation:** Mixture

- **Dangerous components:**

CAS: 1333-86-4	Carbon black	Self-heat. 2, H252	25-50%
EINECS: 215-609-9			

- **Additional information:**
 The product, in its final form, offers no danger.
 For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **4.1 Description of first aid measures** No special measures required.
- **After inhalation:** Not applicable.

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- **After skin contact:**
Due to its physical state, there is no possibility of skin or eye contamination or contamination through ingestion.
- **After eye contact:** *Not applicable.*
- **After swallowing:** *Do not induce vomiting; call for medical help immediately.*
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use chemical-powder (PQS), chemical-foam, or CO2 sprinkles. Use water-mist spout to cool down adjacencies.
- **For safety reasons unsuitable extinguishing agents:** *Jet of water.*
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** *Not required.*
- **For people who are not part of the emergency services:** *No special measures required.*
- **For people part of the emergency services:** *No special measures required.*
- **6.2 Environmental precautions:** *No special measures required.*
- **6.3 Methods and material for containment and cleaning up:** *Pick up mechanically.*
- **6.4 Reference to other sections**
No dangerous substances are released.
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

- **7.1 Precautions and directions for safe handling:** *No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **Hygienic measures:** *Wash hands before eating, drinking, smoking or using the toilet.*
- **7.2 Conditions for safe storage, including any incompatibilities**
Store in a cool, covered and ventilated, sheltered from sunlight, moisture and sources of ozone.
- **Storage:**
- **Prevention of fire and explosions:** *No special requirements.*
- **Information about storage in one common storage facility:** *Store away from foodstuffs.*
- **7.3 Specific end use(s)** *In the inner tube repair by cold method.*

8 Exposure controls/personal protection

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

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- **8.1 Control parameters**
- **Ingredients 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.
- **Ingredients with biological limit values:** Non-biological indicators of exposure were established.
- **8.2 Engineering control measures:** Not applicable.
- **Personal protective equipment:**
- **Respiratory protection:** Not required.
- **Protection of hands and body:**
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
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.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Leather gloves
- **Thermal Hazards:** Not available.
- **Eye protection:** Not required.
- **Limitation and supervision of exposure into the environment** No special measures required.

9 Physical and chemical properties

- | | |
|--------------------------------------------------------------|------------------------------|
| · Appearance: | |
| Form: | Solid |
| Colour: | Black |
| · Odour and odour limit: | Characteristic |
| · pH: | Not applicable. |
| · Change in condition | |
| Melting point/freezing point: | Not available. |
| Initial boiling point and temperature range: | Not applicable. |
| · Flash point: | Not applicable. |
| · Flammability (solid, gaseous): | Not applicable. |
| · Decomposition temperature: | Not applicable |
| · Self-igniting: | Product is not selfigniting. |
| · Lower/upper limit of flammability or explosiveness: | |
| Lower: | Not applicable. |
| Upper: | Not applicable. |
| · Vapour pressure: | Not applicable. |
| · Density: | |
| Relative density | Not available. |
| Vapour density | Not available. |

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· Solubility: water:	<i>Insoluble.</i>
· Partition coefficient (n-octanol/water):	<i>Not applicable.</i>
· Viscosity: Dynamic: Kinematic:	<i>Not applicable.</i> <i>Not applicable.</i>
· 9.2 Other information	<i>No further relevant information available.</i>

10 Stability and reactivity

- **10.1 Reactivity and chemical stability:** *No further relevant information available.*
- **10.3 Possibility of hazardous reactions** *No dangerous reactions known.*
- **10.4 Conditions to avoid** *No further relevant information available.*
- **10.5 Incompatible materials:** *No further relevant information available.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

- **Acute toxicity** *Based on available data, the classification criteria are not met.*
- **LD/LC50 values relevant for classification:** *Product not classified as acute toxic.*
- **Skin corrosion/irritation:** *Non-irritating*
- **Serious eye damage/irritation:** *No irritating effect.*
- **Respiratory or skin sensitisation:** *Not classified.*
- **Germ cell mutagenicity:** *Not classified.*
- **Carcinogenicity:** *Not classified.*
- **Reproductive toxicity:** *Not classified.*
- **Toxicity for specific target organ-single exposure:** *Not classified.*
- **Toxicity for specific target organ-repeated exposure:** *Not classified.*
- **Aspiration hazard:** *Not classified.*

12 Ecological information

- **Ecotoxicity:** *No further relevant information available.*
- **12.2 Persistence and degradability** *No further relevant information available.*
- **12.3 Bioaccumulative potential** *No further relevant information available.*
- **12.4 Mobility in soil** *No further relevant information available.*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

13 Disposal considerations

- **13.1 Waste treatment methods:**
- **Product:**
Packaging (plastic and/or cardboard), if not contaminated, should be discarded in accordance to present law.

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Treatment and disposal must be specifically evaluated for each product. Federal, state, and city laws must be consulted.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Product remains:

Keep the product remains in its original packaging. Disposal should be carried out as established for the product.

· Uncleaned packaging:

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

14 Transport information

· 14.1 UN-Number	Not classified.
· 14.2 UN proper shipping name	Not classified.
· 14.3 Transport hazard class(es)	Not classified.
· 14.4 Packing group	Not classified.
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Remarks:	No dangerous good for transport.
· IMDG	
Waterway: IMO - "International Maritime Organization" International Maritime Dangerous Goods Code (IMDG Code)	
· Remarks:	Not dangerous good for transport
· IATA	
Aerial: IATA - "International Air Transport Association" Dangerous Goods Regulation (DGR)	
· Remarks:	Not dangerous good for transport
· UN "Model Regulation":	Not classified.

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This form provides information on protection, health, safety and the environment. Note that the handling of any chemical substance requires prior knowledge of its dangers to users.

The company using the product is responsible for providing training for its employees and hired parties with regards to the possible adverse risks of the product.

· Training hints

The user of this product should be qualified for handling, operation and application of the product.

· Abbreviations and acronyms:

Self-heat. 2: Self-heating substances and mixtures – Category 2

· Sources *No further relevant information available.**** Data compared to the previous version altered.**

Amendments regarding the update of the Purple Book.