

# Safety Datasheet of PestWest® Glueboards

Safety Data Sheet dated 15/8/2017, Version 2

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

CHAMELEON® RANGE CARDBOARD GLUE BOARDS, BOACHAxxx AND DERIVATIVES,  
SUNBURST® RANGE CARDBOARD GLUE BOARDS, BOASMIxxx AND DERIVATIVES,  
CHAMELEON® EXG BOAEXG883 AND CHAMELEON® 4X4 BOA4X4881 PLASTIC GLUE BOARDS.

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

hotmelt adhesive.

Uses advised against:

the mixture has to be used for the mentioned application and use.

### 1.3. Details of the supplier of the safety data sheet

PestWest Electronics Limited,  
West Yorkshire, United Kingdom

Tel: +44 (0) 1924 268500

email: info@pestwest.com

www.pestwest.com

### 1.4. Emergency telephone number

Contact the relevant National Authorities

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

Hazard pictograms: None

Hazard statements: None

Precautionary statements: None

Special Provisions: None

Special provisions according to Annex XVII of REACH and subsequent amendments: None

### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Identification of the substance:

None.

### 3.2. Mixtures

Chemical description:

Hot melt adhesive

Base substance of preparation:

Hydrocarbon resin

Hazardous components within the meaning of the CLP regulation and related classification: None.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

In case of skin contact:

Molten product: after skin contact cool down immediately with cold water. Do not remove adherent product. Seek medical advice.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### **4.2. Most important symptoms and effects, both acute and delayed**

None

### **4.3. Indication of any immediate medical attention and special treatment needed**

Treatment:

None

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

High pressure water jet

### **5.2. Special hazards arising from the substance or mixture**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### **5.3. Advice for firefighters**

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### **6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### **6.3. Methods and material for containment and cleaning up**

Allow to solidify.

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

### **6.4. Reference to other sections**

See also section 8 and 13

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

## 7.3. Specific end use(s)

Hot melt adhesive.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limits

| Ingredient [Regulated substance]                 | ppm | mg/m <sup>3</sup> | Value type                    | Annotations                     | Regulatory list |
|--|-----|-------------------|-------------------------------|---------------------------------|-----------------|
| White mineral oil (petroleum)<br>8042-47-5       |     | 5                 | Weighted average<br>(8 hours) |                                 | OEL             |
| White mineral oil (petroleum)<br>8042-47-5       |     | 10                | Short term                    |                                 | OEL             |
| [DUSTS, NON<br>SPECIFIC, RESPIRABLE<br>FRACTION] |     | 3                 | Weighted average<br>(8 hours) | Source of limit value:<br>ACGIH | OEL             |
| [DUSTS, NON SPECIFIC,<br>RESPIRABLE FRACTION]    |     | 10                | Weighted average<br>(8 hours) | Source of limit value:<br>ACGIH | OEL             |

### 8.2. Exposure controls

Eye protection:

Protective goggles.

Protective eye equipment should conform to EN166.

Protection for skin:

Wear protective equipment.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Protection for hands:

Wear refractive gloves while working with the hot melt.

Respiratory protection:

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P (EN 14387).

This recommendation should be matched to local conditions.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Advice to personal protection equipment:

Use only personal protection that's CE-labelled according to Directive 89/686/EEC.

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| Properties                                    | Value                | Method:   | Notes |
|---|----------------------|---|-------|
| Appearance and colour:                        | Solid and colourless | --  | --    |
| Odour:  | Characteristic       | --  | --    |
| Odour threshold:                              | N.A.                 | --  | --    |
| pH:   | N.A.                 | --  | --    |
| Melting point / freezing point:               | N.A.                 | --  | --    |
| Initial boiling point and boiling range:      | N.A.                 | --  | --    |
| Flash point:                                  | > 200°C ° C          | --  | --    |
| Evaporation rate:                             | N.A.                 | --  | --    |
| Solid/gas flammability:                       | N.A.                 | --  | --    |
| Upper/lower flammability or explosive limits: | N.A.                 | --  | --    |
| Vapour pressure:                              | N.A.                 | --  | --    |
| Vapour density:                               | N.A.                 | --  | --    |
| Relative density:                             | N.A.                 | --  | --    |
| Solubility in water:                          | N.A.                 | --  | --    |
| Solubility in oil:                            | N.A.                 | --  | --    |
| Partition coefficient (n-octanol/water):      | N.A.                 | --  | --    |
| Auto-ignition temperature:                    | N.A.                 | --  | --    |
| Decomposition temperature:                    | N.A.                 | --  | --    |
| Viscosity:                                    | 800-1.400 mPa s      | (Brookfield; Apparatus: RV; 100°C (212°F); rot. frequency.: 20 min-1; spindle N.21) | --    |
| Explosive properties:                         | N.A.                 | --  | --    |
| Oxidizing properties:                         | N.A.                 | --  | --    |

### 9.2. Other information

| Properties                           | Value | Method: | Notes |
|--------------------------------------|-------|---------|-------|
| Miscibility:                         | N.A.  | --      | --    |
| Fat Solubility:                      | N.A.  | --      | --    |
| Conductivity:                        | N.A.  | --      | --    |
| Substance Groups relevant properties | N.A.  | --      | --    |

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Stable under normal conditions

### **10.2. Chemical stability**

Stable under normal conditions

### **10.3. Possibility of hazardous reactions**

None

### **10.4. Conditions to avoid**

Stable under normal conditions.

### **10.5. Incompatible materials**

None in particular.

### **10.6. Hazardous decomposition products**

None.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

Toxicological information of the substance:

Hot melt adhesive

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.

Hot melt adhesive

Not classified for environmental hazards

Based on available data, the classification criteria are not met

### **12.2. Persistence and degradability**

N.A.

### **12.3. Bioaccumulative potential**

N.A.

### **12.4. Mobility in soil**

N.A.

### **12.5. Results of PBT and vPvB assessment**

vPvB Substances: None - PBT Substances: None

### **12.6. Other adverse effects**

None

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Additional disposal information:

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you

European waste catalogue:

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

## **SECTION 14: Transport information**

### **14.1. UN number**

Not classified as dangerous in the meaning of transport regulations.

### **14.2. UN proper shipping name**

N.A.

### **14.3. Transport hazard class(es)**

N.A.

### **14.4. Packing group**

N.A.

### **14.5. Environmental hazards**

N.A.

### **14.6. Special precautions for user**

N.A.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

N.A.

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

### **15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for the substance.

## **SECTION 16: Other information**

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

|             |  |
|-------------|--|
| ADR:        | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| CAS:        | Chemical Abstracts Service (division of the American Chemical Society).              |
| CLP:        | Classification, Labeling, Packaging.   |
| DNEL:       | Derived No Effect Level.   |
| EINECS:     | European Inventory of Existing Commercial Chemical Substances.                       |
| GefStoffVO: | Ordinance on Hazardous Substances, Germany.  |
| GHS:        | Globally Harmonized System of Classification and Labeling of Chemicals.              |
| IATA:       | International Air Transport Association.   |
| IATA-DGR:   | Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  |
| ICAO:       | International Civil Aviation Organization.   |
| ICAO-TI:    | Technical Instructions by the "International Civil Aviation Organization" (ICAO).    |
| IMDG:       | International Maritime Code for Dangerous Goods.                                     |
| INCI:       | International Nomenclature of Cosmetic Ingredients.                                  |
| KSt:        | Explosion coefficient.   |
| LC50:       | Lethal concentration, for 50 percent of test population.                             |
| LD50:       | Lethal dose, for 50 percent of test population.                                      |
| PNEC:       | Predicted No Effect Concentration.   |
| RID:        | Regulation Concerning the International Transport of Dangerous Goods by Rail.        |
| STEL:       | Short Term Exposure limit.   |
| STOT:       | Specific Target Organ Toxicity.  |
| TLV:        | Threshold Limiting Value.  |
| TWA:        | Time-weighted average  |
| WGK:        | German Water Hazard Class.   |