

Safety Datasheet of PestWest® LED glue boards

Safety Data Sheet dated 24/02/2023, Version 1

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product identifier**
Mixture identification:
Trade name: Adhesive mixture for PestWest UVA LED fly control units
Trade codes: BOACHALED21 (135-000226), BOAEXG883 (135-000050), BOACHAQIP (135-000239) and BOACHALED18 (135-000245).
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Recommended use:
Adhesive mixture for the manufacturing of monitoring devices for the detection of flying insects.
Uses advised against:
the mixture has to be used for the mentioned application and use.
- 1.3. Supplier of the safety datasheet**
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:
Trade code: M-02047P
None.
- 3.2. Mixtures:**
N.A.

SECTION 4 - FIRST AID MEASURES

- 4.1. Description of first aid measures**
In case of skin contact:
Wash with plenty of water and soap.
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 jets.
- 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**
Wash with plenty of water.
- 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 vapors and mists.
See also Section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Do not eat or drink while working.
- 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)**
None in particular

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters Occupational exposure limits Valid for Germany:

Ingredient (Regulated substance)	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
White mineral oil (petroleum) 8042-47-5			Short Term Exposure Classification:	Category II: Substances with a resorptive effect.	TRGS 900
White mineral oil (petroleum) 8042-47-5		5	Exposure limit(s):	4 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
DUSTS, NON-SPECIFIC, RESPIRABLE FRACTION			Short Term Exposure Classification:	Category II: Substances with a resorptive effect.	TRGS 900
DUSTS, NON-SPECIFIC, RESPIRABLE FRACTION		10	Exposure limit(s):	2	TRGS 900
DUSTS, NON-SPECIFIC, RESPIRABLE FRACTION		1,25	Exposure limit(s):		TRGS 900

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2. Exposure controls

Eye protection:

Safety glasses.

Protective eye equipment should conform to EN166.

Protection for skin:

Wear protective clothing

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).

Thermal Hazards: None

Environmental exposure controls: None

Appropriate engineering controls: None

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and color:	solid and colorless		
Odour:	Sui generis		
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		
Evaporation rate:	N.A.		
Solid/gas flammability:	N.A.		
Upper/lower flammability or explosive limits:	N.A.		
Vapor pressure:	N.A.		
Vapor density:	N.A.		
Relative density:	N.A.		
Solubility in water:	N.A.		
Solubility in oil:	N.A.		
Partition coefficient (noctanol/ 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.		
Miscibility:	N.A.		
Fat Solubility:	N.A.		
Conductivity:	N.A.		
Substance Groups relevant properties	N.A.		

SECTION 10 – STABILITY AND REACTIVITY DATA

- 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:

Adhesive mixture for glue boards for UV lamps

- 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 sensitivity
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.

Adhesive mixture for glue boards for U.V. lamps

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.

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)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/699 (ATP 11 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):
Seveso III category according to Annex 1, part 1
None
- 15.2. Chemical safety assessment**
No Chemical Safety Assessment has been carried out for the substance.

SECTION 16 – OTHER INFORMATION

Paragraphs modified from the previous revision:

SECTION 7: Handling and storage
SECTION 15: Regulatory 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.

SECTION 16 – OTHER INFORMATION

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.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
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.