

POLY MAX® LIJMKIT

CRYSTAL CLEAR SEALANT AND ASSEMBLY ADHESIVE WITH VERY HIGH ELASTICITY, BASED ON SM-POLYMER



1490915 - BISON PROF POLY MAX® LIJMKIT WHITE CARTRIDGE 425 G NL

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Safety Data Sheet acc. to OSHA HCS

Printing date 12/09/2013

Reviewed on 11/28/2013

1 Identification

- . **Product identifier**
- . **Trade name:** Poly Max® Lijmkit
- . **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- . **Application of the substance / the mixture** Adhesives
- . **Details of the supplier of the safety data sheet**
- . **Manufacturer/Supplier:**
Bison International
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 88 3235700
fax. +31 88 3235800
e mail: msds@boltonadhesives.com
- . **Information department:** Bison QESH
- . **Emergency telephone number:** +31 88 3235700

2 Hazard(s) identification

- . **Classification of the substance or mixture**
 - . **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Not applicable.
 - . **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 - . **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
-
- . **Label elements**
 - . **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.
 - . **Safety phrases:**
This material and its container must be disposed of as hazardous waste.
Avoid release to the environment. Refer to special instructions/Safety data sheets
 - . **Special labeling of certain preparations:**
Contains bis-(1,2,2,6,6,-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.

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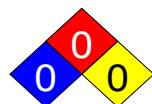
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- . **Classification system:**
- . **NFPA ratings (scale 0-4)**



Health = 0
Fire = 0
Reactivity = 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
- . **Dangerous components:**
 - 2768-02-7 trimethoxyvinylsilane 2.5-10%
 - 13822-56-5 3-(trimethoxysilyl)propylamine ≤ 2.5%
 - 41556-26-7 bis-(1,2,2,6,6,-pentamethyl-4-piperidyl)sebacate ≤ 2.5%
- . **Additional information:**
For the wording of the listed risk phrases refer to section 16.

* 4 First-aid measures

- . **Description of first aid measures**
- . **General information:** No special measures required.
- . **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- . **After skin contact:** Generally the product does not irritate the skin.
- . **After eye contact:** Rinse opened eye for several minutes under running water.
- . **After swallowing:** If symptoms persist consult 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

- . **Extinguishing media**
- . **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- . **Special hazards arising from the substance or mixture**
No further relevant information available.
- . **Advice for firefighters**
- . **Protective equipment:** No special measures required.

* 6 Accidental release measures

- . **Personal precautions, protective equipment and emergency procedures** Not required.
- . **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- . **Reference to other sections**
No dangerous substances are released.

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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

- . **Precautions for safe handling** No special measures required.
- . **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:** No special requirements.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** None.
- . **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:**
- . **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- . **Breathing equipment:** Not required.
- . **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- . **Material of gloves**
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.
- . **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:** Goggles recommended during refilling.

9 Physical and chemical properties

- . **Information on basic physical and chemical properties**
- . **General Information**
- . **Appearance:**
Form: Pasty

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Color:	White
. Odor:	Recognizable
. Odour threshold:	Not determined.
. pH-value:	Not determined.
. Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
. Flash point:	Not applicable.
. Flammability (solid, gaseous):	Not applicable.
. Ignition temperature:	
Decomposition temperature:	Not determined.
. Auto igniting:	Product is not selfigniting.
. Danger of explosion:	Product does not present an explosion hazard.
. Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
. Vapor pressure:	Not determined.
. Density:	Not determined.
. Relative density	Not determined.
. Vapour density	Not determined.
. Evaporation rate	Not determined.
. Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
. Partition coefficient (n-octanol/	
water):	Not determined.
. Viscosity:	
Dynamic at 20 °C (68 °F):	600000 mPas
Kinematic:	Not determined.
Organic solvents:	0.0 %
Solids content:	100.0 %
. Other information	No further relevant information available.

10 Stability and reactivity

- . **Reactivity**
- . **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** No further relevant information available.
- . **Incompatible materials:** No further relevant information available.
- . **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- . **Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the skin:** No irritant effect.
- . **on the eye:** No irritating effect.
- . **Sensitization:** No sensitizing effects known.
- . **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
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.

12 Ecological information

- . **Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **Persistence and degradability** No further relevant information available.
- . **Bioaccumulative potential** No further relevant information available.
- . **Mobility in soil** No further relevant information available.
- . **Additional ecological information:**
- . **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- . **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.
- . **Uncleaned packagings:**
- . **Recommendation:**
Disposal must be made according to official regulations.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- . **UN-Number**
- . **DOT, ADR, ADN, IMDG, IATA** Void
- . **UN proper shipping name**
- . **DOT, ADR, ADN, IMDG, IATA** Void

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- . Transport hazard class(es)
- . DOT, ADR, ADN, IMDG, IATA
- . Class Void
- . Packing group
- . DOT, ADR, IMDG, IATA Void
- . Environmental hazards:
- . Marine pollutant: No
- . Special precautions for user Not applicable.
- . Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
- . Transport/Additional information:

. IMDG

- . Remarks: Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2

* 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.
- . SARA Section 313 (specific toxic chemical listings)
None of the ingredients is listed.
- . TSCA (Toxic Substances Control Act)
 - 471-34-1 calcium carbonate
 - 2768-02-7 trimethoxyvinylsilane
 - 13822-56-5 3-(trimethoxysilyl)propylamine
 - 68441-17-8 Oxydised polyethylene wax
 - 25973-55-1 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentyl-phenol
 - 41556-26-7 bis-(1,2,2,6,6,-pentamethyl-4-piperidyl)sebacate
 - 82919-37-7 Methyl 1,2,2,6,6,-pentamethyl-4-piperidyl sebacate
 - 57-55-6 propane-1,2-diol
 - 26530-20-1 2-octyl-2H-isothiazol-3-one
 - 681-84-5 tetramethyl orthosilicate
- . Prop 65 - Chemicals known to cause cancer
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 is 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.

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- . **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.
- . **Product related hazard informations:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.
- . **Safety phrases:**
This material and its container must be disposed of as hazardous waste.
Avoid release to the environment. Refer to special instructions/Safety data sheets
- . **Special labeling of certain preparations:**
Contains bis-(1,2,2,6,6,-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.
- . **National regulations:**
- . **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- . **Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

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.

- . **Department issuing MSDS:** QESH Department
- . **Contact:** Reach coördinator
- . *** Data compared to the previous version altered.**

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