Safety data sheet
according to 1907/2006/EC, Article 31

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

. **1.1 Product identifier**

. **Trade name:** BOSTIK MONTAGGIO KIT PROFESSIONALE FPB 125G*12 IT
. **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
. **Application of the substance / the mixture** Adhesive

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

. **Manufacturer(1)/Supplier(2):**
1
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: sds@boltonadhesives.com

. **Further information obtainable from:** Bison QESH
. **1.4 Emergency telephone number:** +31 88 3235700

SECTION 2: Hazards identification

. **2.1 Classification of the substance or mixture**
. **Classification according to Regulation (EC) No 1272/2008**

GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

. **2.2 Label elements**
. **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
. **Hazard pictograms**

GHS02 GHS07

. **Signal word** Danger

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. **Hazard-determining components of labelling:**
colophony
. **Hazard statements**
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
. **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapours.
P280 Wear protective gloves / eye protection.
P370+P378 In case of fire: Use to extinguish: Water haze, Alcohol resistant foam, Fire-extinguishing powder, Carbon dioxide.
P501 Dispose of contents/container in accordance with national regulations.
. **Additional information:**
EUH066 Repeated exposure may cause skin dryness or cracking.

. **==>> Labelling of packages where the contents do not exceed 125 ml**
. **Hazard pictograms**

GHS02 GHS07

. **Signal word** Danger

. **Hazard-determining components of labelling:**
colophony
. **Hazard statements**
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
. **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing vapours.
P280 Wear protective gloves / eye protection.
P501 Dispose of contents/container in accordance with national regulations.
. **2.3 Other hazards**
. **Results of PBT and vPvB assessment**
. **PBT:** Not applicable.
. **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

. **3.2 Mixtures**
. **Description:** Adhesive

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. **Dangerous components:**

EC number: 926-605-8 Reg.nr.: 01-2119486291-36	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	10-25%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	methyl ethyl ketone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
	colophony Skin Sens. 1, H317	1.0-2.5%
CAS: 110-54-3 EINECS: 203-777-6	n-hexane Flam. Liq. 2, H225; Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	<1.0%
CAS: 1314-13-2 EINECS: 215-222-5 Reg.nr.: 01-2119463881-32	zinc oxide Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<1.0%

. **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

. **4.1 Description of first aid measures**
. **General information:** No special measures required.
. **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stable in side position for transportation.
. **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
. **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
. **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.

SECTION 5: Firefighting measures

. **5.1 Extinguishing media**
. **Suitable extinguishing agents:**
Water haze
Alcohol resistant foam
Fire-extinguishing powder
Carbon dioxide
. **For safety reasons unsuitable extinguishing agents:** Water with full jet

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. **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
. **5.3 Advice for firefighters**
. **Protective equipment:** Mount respiratory protective device.
. **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

. **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
. **6.2 Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
. **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
. **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

. **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
. **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

. **7.2 Conditions for safe storage, including any incompatibilities**
. **Storage:**
. **Requirements to be met by storerooms and receptacles:** Store in a cool location.
. **Information about storage in one common storage facility:** Not required.
. **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
. **7.3 Specific end use(s)** No further relevant information available.

*
SECTION 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:**	
141-78-6 ethyl acetate	
WEL (Great Britain)	Short-term value: 400 ppm Long-term value: 200 ppm
IOELV (European Union)	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm
78-93-3 methyl ethyl ketone	
WEL (Great Britain)	Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV
IOELV (European Union)	Short-term value: 900 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm
colophony	
WEL (Great Britain)	Short-term value: 0.15 mg/m³ Long-term value: 0.05 mg/m³ Sen
110-54-3 n-hexane	
WEL (Great Britain)	Long-term value: 72 mg/m³, 20 ppm
IOELV (European Union)	Long-term value: 72 mg/m³, 20 ppm

. **Ingredients with biological limit values:**	
78-93-3 methyl ethyl ketone	
BMGV (Great Britain)	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

. **Additional information:** The lists valid during the making were used as basis.

. **8.2 Exposure controls**
. **Personal protective equipment:**
. **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
. **Respiratory protection:**
Use suitable respiratory protective device in case of insufficient ventilation.
. **Recommended filter device for short term use:** Filter A
. **Protection of hands:**

Protective gloves

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Solvent resistant gloves
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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

. **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
PVC or PE gloves

. **Eye protection:**

Tightly sealed goggles

. **Body protection:** Solvent resistant protective clothing

SECTION 9: Physical and chemical properties

. **9.1 Information on basic physical and chemical properties**	
. **General Information**	
. **Appearance:**	
Form:	Fluid
Colour:	According to product specification
. **Odour:**	Characteristic
. **Odour threshold:**	Not determined.
. **pH-value:**	Not determined.
. **Change in condition**	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	60 °C
. **Flash point:**	<0 °C
. **Flammability (solid, gas):**	Not applicable.
. **Ignition temperature:**	460 °C
. **Decomposition temperature:**	Not determined.
. **Auto-ignition temperature:**	Product is not selfigniting.

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. **Explosive properties:**	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
. **Explosion limits:**	
Lower:	2.1 Vol %
Upper:	11.5 Vol %
. **Vapour pressure at 20 °C:**	97 hPa
. **Density at 20 °C:**	1.13 g/cm³
. **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:	250000 mPas
Kinematic:	Not determined.
Organis solvents:	37.6 %
. **9.2 Other information**	All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.

SECTION 10: Stability and reactivity

. **10.1 Reactivity** No further relevant information available.
. **10.2 Chemical stability**
. **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
. **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:** Danger of forming toxic pyrolysis products.

SECTION 11: Toxicological information

. **11.1 Information on toxicological effects**
. **Acute toxicity** Based on available data, the classification criteria are not met.

. **LD/LC50 values relevant for classification:**		
141-78-6 ethyl acetate		
Oral	LD50	4935 mg/kg (rbt)
Inhalative	LC50/4 h	1600 mg/l (rat)
78-93-3 methyl ethyl ketone		
Oral	LD50	3300 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rbt)

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. **Primary irritant effect:**
. **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
. **Serious eye damage/irritation**
Causes serious eye irritation.
. **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
. **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
. **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
. **Carcinogenicity** Based on available data, the classification criteria are not met.
. **Reproductive toxicity** Based on available data, the classification criteria are not met.
. **STOT-single exposure** Based on available data, the classification criteria are not met.
. **STOT-repeated exposure** Based on available data, the classification criteria are not met.
. **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

. **12.1 Toxicity**
. **Aquatic toxicity:** 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.
. **Ecotoxical effects:**
. **Remark:** Harmful to fish
. **Additional ecological information:**
. **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
. **12.5 Results of PBT and vPvB assessment**
. **PBT:** Not applicable.
. **vPvB:** Not applicable.
. **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

. **13.1 Waste treatment methods**
. **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

. **Uncleaned packaging:**
. **Recommendation:**
Disposal must be made according to official regulations.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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SECTION 14: Transport information

. **14.1 UN-Number**	
. **ADR/ADN, IMDG, IATA**	UN1133
. **14.2 UN proper shipping name**	
. **ADR/ADN**	1133 ADHESIVES
. **IMDG, IATA**	ADHESIVES
. **14.3 Transport hazard class(es)**	
. **ADR/ADN**	
. **Class**	3 (F1) Flammable liquids.
. **Label**	3
. **IMDG, IATA**	
. **Class**	3 Flammable liquids.
. **Label**	3
. **14.4 Packing group**	
. **ADR/ADN, IMDG, IATA**	III
. **14.5 Environmental hazards:**	
. **Marine pollutant:**	No
. **14.6 Special precautions for user**	Warning: Flammable liquids.
. **Danger code (Kemler):**	33
. **EMS Number:**	F-E,S-D
. **Stowage Category**	A
. **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
. **Transport/Additional information:**	
. **ADR/ADN**	
. **Limited quantities (LQ)**	5L
. **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
. **Transport category**	3
. **Tunnel restriction code**	D/E
. **IMDG**	
. **Limited quantities (LQ)**	5L
. **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml

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.	Maximum net quantity per outer packaging: 1000 ml
. **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
. **UN "Model Regulation":**	UN 1133 ADHESIVES, 3, III

SECTION 15: Regulatory information

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

. **Directive 2012/18/EU**
. **Named dangerous substances - ANNEX I** None of the ingredients is listed.
. **Seveso category** P5c FLAMMABLE LIQUIDS
. **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
. **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
. **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
. **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

. **Relevant phrases**
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

. **Department issuing SDS:** Bison QESH
. **Contact:** Reach coördinator
. **Abbreviations and acronyms:**
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
. *** Data compared to the previous version altered.**

GB-EN