ULTRAVELOX di A	Revision nr. 3			
		Dated 02/02/2016		
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	Safety data sheet			
SECTION 1. Identification of the subs	stance/mixture and of the company/unde	rtaking		
1.1. Product identifier				
Code:	kk.00.001			
Product name	COLLANTE PER POLISTIROLO			
1.2. Relevant identified uses of the substance or m Intended use Not available	nxture and uses advised against			
1.3. Details of the supplier of the safety data sheet				
Name	ULTRAVELOX di ALBIERI Roberto & C snc			
Full address District and Country	VIA BERGAMO, 42 23851 GALBIATE (LC)			
District and Country	IT			
	Tel. 0341542489			
	Fax 0341542489			
e-mail address of the competent person				
responsible for the Safety Data Sheet	ultravelox@ultravelox.it			
Product distribution by	Roberto Albieri			
1.4. Emergency telephone number For urgent inquiries refer to	CENTRO ANTIVELENI - OSPEDALE NIGUARDA MILAN	0		
	Tel. 02/66101029			
SECTION 2. Hazards identification.				
2.1. Classification of the substance or mixture.				

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication: Flammable liquid, category 3

H226

Flammable liquid and vapour.

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.



Signal words:

Warning

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Hazard statements:

H226

Flammable liquid and vapour.

Precautionary statements:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves / eye protection / face protection.
P303+P361+P353	IF ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin with water / shower.
P370+P378	In case of fire: use to extinguish.

2.3. Other hazards.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.		Conc. %.	
	2-METHOXY-1-METHYLETHYL ACETATE		
	CAS. 108-65-6	90 - 94	Flam. Liq. 3 H226
	EC. 203-603-9		
	INDEX. 607-195-00-7		

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures.

4.1. Description of first aid measures.

No episodes of harm to the staff authorised to use the product have been reported. The following general measures should be adopted as necessary: INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention. INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Do not give anything by mouth to an unconscious person. EYES and SKIN: Wash with plenty of water. In the event of persistent irritation, get medical advice/attention.

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

No episodes of damage to health ascribable to the product have been reported.

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

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Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

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6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

GRB	United Kingdom	EH40/2005 Workplace exposure limits
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC;
		Directive 2000/39/EC.

2-METHOXY-1-METHYLETHYL ACETATE							
Threshold Limit Value.							
Туре	Country	TW A/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
WEL	GRB	274	50	548	100		
TLV	ITA	275	50	550	100	SKIN.	
OEL	EU	275	50	550	100	SKIN.	

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

8.2. Exposure controls.

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As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

A	Net an alleble
Appearance	Not available.
Colour	Not available.
Odour	Not available.
Odour threshold.	Not available.
pH.	Not available.
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	23 ≤ T ≤ 60 °C.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	Not available.
Solubility	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

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9.2. Other information.

Molecular weight.	132,160
Solid content.	10,00 %
VOC (Directive 1999/13/EC) :	90,00 %
VOC (volatile carbon) :	49,03 %

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

1-METHOXY-2-PROPANOL ACETATE: stable but with the air it may slowly develop peroxides that explode with an increase in temperature.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

The vapours may also form explosive mixtures with the air.

1-METHOXY-2-PROPANOL ACETATE: may react violently with oxidising agents and strong acids and alkaline metals.

10.4. Conditions to avoid.

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

1-METHOXY-2-PROPANOL ACETATE: store in an inert atmosphere, sheletered from moisture because it hydrolises easily.

10.5. Incompatible materials.

1-METHOXY-2-PROPANOL ACETATE: oxidising agents, strong acids and alkaline metals.

10.6. Hazardous decomposition products.

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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11.1. Information on toxicological	effects.		
of the product. Concentrations above irritation is observed. Clinical and biol	E: the main way of entry is the skin, whereas the respiratory way is 100 ppm cause eye irritation, nose and oropharynx. At 1000 ppm logical examinations carried out on exposed volunteers revealed no chronic effects have been reported in man.	disturbance in the equilibrium and severe eye	
2-METHOXY-1-METHYLETHYL ACE LD50 (Oral).8530 mg/kg Rat LD50 (Dermal).> 5000 mg/kg Rat	ТАТЕ		
SECTION 12. Ecological	information.		
Use this product according to good we contaminate soil or vegetation.	orking practices. Avoid littering. Inform the competent authorities, sh	ould the product reach waterways or sewers or	
12.1. Toxicity. Information not available.			
12.2. Persistence and degradabilit	ty.		
2-METHOXY-1- METHYLETHYL ACETATE Solubility in water.	> 10000 mg/l		
Rapidly biodegradable.			
12.3. Bioaccumulative potential.			
2-METHOXY-1- METHYLETHYL ACETATE Partition coefficient: n- octanol/water.	1,2		
12.4. Mobility in soil.			
Information not available.			
12.5. Results of PBT and vPvB as	sessment.		
On the basis of available data, the pro	oduct does not contain any PBT or vPvB in percentage greater than 0	,1%.	
12.6. Other adverse effects.			
Information not available.			

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SECTION 13.	Disposal con	siderations.			
13.1. Waste treatmo	ent methods.				
evaluated according to Disposal must be performance of Waste transportation r CONTAMINATED PAG	o applicable regulat ormed through an a nay be subject to A CKAGING	authorised waste management firm, in compl	liance with national and local	regulations.	hould b
SECTION 14.	Transport inf	ormation.			
I4.1. UN number.					
ADR / RID, IMDG, IATA:		1133			
I4.2. UN proper ship	ping name.				
ADR / RID: IMDG:	ADHESIVES ADHESIVES				
IATA:	ADHESIVES				
4.3. Transport haza	rd class(es).				
ADR / RID:	Class: 3	Label: 3	•		
IMDG:	Class: 3	Label: 3	*		
IATA:	Class: 3	Label: 3			
4.4. Packing group.			•		
ADR / RID, IMDG, IATA:		Ш			
4.5. Environmental	hazards.				
ADR / RID:	NO				
4.6. Special precaut	ions for user.				
ADR / RID:		HIN - Kemler: 30	Limited Quantities 5	Tunnel L restriction code (D/E)	
		Special Provision: 640E		code (D/E)	
IMDG: IATA:		EMS: F-E, S-D Cargo:	Limited Quantities 5 Maximum	L Packaging	
		-		0 0	

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Pass.:	quantity: 220 L Maximum quantity: 60 L	instructions: 366 Packaging instructions:
Special Instructions:	A3	355
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.		
Information not relevant.		
SECTION 15. Regulatory information.		
15.1. Safety, health and environmental regulations/legislation specific for the substance or	mixture.	
Seveso category. 6		
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulatio	<u>n 1907/2006.</u>	
Product. Point. 3 - 40		
Substances in Candidate List (Art. 59 REACH).		
None.		
Substances subject to authorisarion (Annex XIV REACH).		
None.		
Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:		
None.		
Substances subject to the Rotterdam Convention:		
None. Substances subject to the Stockholm Convention:		
None.		
Healthcare controls.		
Information not available.		
Product not intended for uses provided for by Dir. 2004/42/CE.		
15.2. Chemical safety assessment.		
No chemical safety assessment has been processed for the mixture and the substances it contains.		

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SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 3	Flammable liquid, category 3
H226	Flammable liquid and vapour.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- **OEL: Occupational Exposure Level**
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EU) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- Regulation (EU) 453/2010 of the European Parliament 4
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

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