

SECTION 1.- IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

1.1. Identification of the preparation: KOLMAN OUTDOOR WATER POLYURETHANE FINISH (TRANSPARENT AND COLORS)

1.2. Intended use of preparation: Water paint for protection of concrete supports outside.

1.3. Details of the provider of the Safety Data Sheet:

Industrias Kolmer, S.A.

Polígono Industrial Juncaril,C/ Loja, Parcela 111-112 CP: 18220, Albolote Granada, Spain

Telefono: 958465686

Fax: 958467402

[e-mail:kolmer@kolmersa.com](mailto:kolmer@kolmersa.com)

1.4. In case of the health emergency, call the toxicology information services:

91 562 04 20

Environmental emergency number: 958465686 (9:00-14:00)(16:00-19:00) (Mon. - Fri.)

SECTION 2.- IDENTIFICATION OF PREPARATION RISKS

2.1. CLASSIFICATION AND LABELING IN ACCORDANCE WITH REGULATION (EC) No 1272/2008:

H317. May cause an allergic skin reaction. Category 1A.

H360D. May damage unborn child. Category 1B.

2.2. LABEL ELEMENTS:



Signal word: Danger

Indication of danger:

H317. May cause an allergic skin reaction.

H360D. May damage unborn child.

Substances which contribute to the classification:

1-ethylpyrrolidin-2-one (CAS No.: 2687-91-4). Benzotriazole derivative (INDEX No. 607-176-00-3).

Safety advice:

P101. If medical advice is needed, have the container or label by hand.

P102-P405. Keep out of the reach of children. Keep locked up.

P103. Read the label before use.

P201. Request special instructions before use.

P202. Do not handle the substance before having read and understood all the instructions of security.

P280. Wear gloves / clothing / glasses / protective mask.

P281. Wear the mandatory personal protection equipment.

P305+351+338. IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if worn and easy. Continue rinsing.

INDUSTRIAS KOLMER, S.A.

SAFETY DATA SHEET OF THE PREPARATION complying with EC Regulation 1907/2006

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Rev Date: 26-05-17 Rev:3

P308+313. IN CASE OF EXPOSED OR PRESUMED EXPOSURE: Consult a doctor.
P501b Dispose of the content/container at a public waste disposal site for special or dangerous substances.

Additional information:

EUH208: Contains a mixture of isothiazol-3-one 5-chloro-2-methyl-2H (EC N°. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC N°. 220-239-6). May produce an allergic reaction.

SECTION 3.- COMPOSITION/INFORMATION ABOUT THE COMPONENTS

Substances than can be hazardous to health according to Directive 1272/2008 (CLP):

COMPONENT	IDENTIFICATION	SYMBOL	R/H PHRASES	INTERVAL CONCENTRATION
1-ethylpyrrolidin-2-ona	Nº CAS: 2687-91-4 Nº CE: 220-250-6 Nº Indice(CLP): ----- Nº Reach: 01-2119472138-36-XXXX	GHS05, GSH08 Danger	H318, H360D	1,5-2,5 %
Derived from Benzotriazole	Nº CAS: ----- Nº CE: 400-830-7 Nº Indice(CLP): 607-176-00-3 Nº Reach: 01-0000015075-76	GSH07 Attention	Sen. Cutánea. Cat 1A. H317, H411	0,1-0,5 %

SECTION 4.- FIRST AIDS

4.1 Description of first aid

General recommendations: Do not leave the victim alone. If the product is inhaled: In the event of unconsciousness, place victim in the recovery position and seek medical help. If the symptoms persist, see a doctor.
In the case of contact with eyes: Remove lenses. Protect the undamaged eye. If irritation of the eyes persists, see a specialist.
If swallowed: Keep the respiratory tract unobstructed. Do not consume milk or alcoholic beverages. Never administer anything through the mouth of someone who is unconscious. If the symptoms persist, see a doctor.

SECTION 5.- FIRE FIGHTING MEASURES

5.1 Extinguishing measures

5.2 Specific dangers deriving from a substance or mix: Not applicable.

5.3 Recommendations for firefighting personnel.

Special protection equipment for firefighting personnel: If necessary, use self-contained breathing equipment to fight fires.

Other data: Standard procedure for chemical fires. Use extinguishing measures that are suitable for the characteristics of the premises and surrounding area.

SECTION 6.- MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILLAGE

6.1 Personal precautions, protection equipment and emergency procedures

6.2 Precautions relating to the environment

Precautions relating to the environment: If the product pollutes rivers, lakes or drainage systems, inform the relevant authorities.

6.3 Methods and material for containment and clean-up.

Cleaning methods: Clean with absorbent materials (for example cloth, fleece fabric).

Keep in suitable containers and closed for removal.

SECTION 7.- HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice for safe handling: Individual protection equipment, see section 8. Do not smoke, eat or drink during work.

Instructions for protection against fires and explosions: Normal protection provisions for fire prevention.

7.2 Safe storage conditions, including possible incompatibilities

Technical demands for warehouse and containers; Electrical facilities and work materials must comply with safety regulations.

Complementary information about storage conditions: Keep away from heat. Instructions for common storage: No material to mention especially.

Other data: No decomposition if stored and applied as outlined.

7.3 Special uses:

See product technical sheet.

SECTION 8.- EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures:

Not applicable.

Exposure limits:

	VLA ¹		VLA ²	
	ppm	mg/ m ³	ppm	mg/ m ³

1. Short-term exposure limits
2. Medium-term exposure limits

Personal protection:

Respiratory protection:

When workers support concentrations above the exposure limit, they must use appropriate certified respirators, with type P2 filter.

Hand protection:

For prolonged or repeated use neoprene gloves (certified standard EN 374, EN 388, EN 420), 0.2 mm thick, and chemical resistance > 30 min, class 2 contacts.

Eye protection:

Safety goggles, specifically designed against splashes.

Skin protection:

All body parts that have been in contact with the preparation should wash.

SECTION 9.- PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Pasty liquid

Flash point: Not required

Viscosity (Brookfield LTV, at 20°C, sp-4, 12 rpm): 31,000 cps

Specific weight: 1,25 gr/cc

SECTION 10.- STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of dangerous reactions: Stable in recommended storage conditions. No dangers to point out especially.

10.4 Conditions that should be avoided: No available data

10.5 Incompatible materials

10.6 Products with dangerous decomposition

SECTION 11.- TOXICOLOGICAL INFORMATION

11.1 Information about toxicological effects

Acute toxicity

Skin corrosion or irritation

Skin irritation: No available data

Serious injuries or eye irritation

Eye irritation: No available data

Respiratory or skin sensitisation

Sensitisation: No available data

Systemic toxicity for target organs - Repeated exposure: No available data

Other data: No available data

SECTION 12.- ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic for fish: No available data

12.2 Persistence and degradability

Biodegradability: No available data

12.3 Potential for bioaccumulation

Bioaccumulation: No available data

12.4 Mobility

Results of the PBT and vPvB

This substance/mix does not contain components that are considered to be bio-accumulative and persistent toxic (PBT) or very bio-accumulative and very persistent (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Complementary ecological information: No available data

It is not permitted to let the product into drains or water courses.

SECTION 13.- CONSIDERATIONS ON ELIMINATION

13.1 Methods for processing waste

Contaminated packaging: Waste and empty packaging should be handled in accordance with current legislation.

Do not discharge into drains or watercourses.

SECTION 14.- INFORMATION REGARDING TRANSPORT

Transport must always comply with ADR standards for transport by road, RID/TPF standards for transport by rail, IMDG standards for sea transport, and ICAO.

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DENOMINATION						
TRANSPORT METHOD	Nº UN	CLASS	DODE CLASSIFICATION	PACKAGING GROUP	RISK	LABELS
Road (ADR)						DOES NOT REQUIRE LABELLING
Rail (RID)						DOES NOT REQUIRE LABELLING
Sea (IMDG)						DOES NOT REQUIRE LABELLING
Air (ICAO/IATA)						DOES NOT REQUIRE LABELLING

SECTION 15.- REGULATORY INFORMATION

15.1. Specific regulations and legislation related to safety, health and environment for the substance or preparation:

EU Legislation:

Regulation (EC) 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency and its amendments.

Regulation (EC) No 1272/2008 of the European Parliament of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending Regulation (EC) 1907/2006.

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

SECTION 16.- OTHER INFORMATION

Complete text of H phrases included in Section 3:

H317. May cause an allergic skin reaction.

H318. Causes serious eye damage.

H360D. May damage unborn child.

H411. Toxic to aquatic life with long lasting effects.

The complete text of this Safety Data Sheet of the Preparation is based on present day knowledge and current EC and national legislation. The working conditions of users are outside of our knowledge and control.

In order to use the product for purposes other than those specified in section 1, prior written instructions regarding handling are required.

The user is always responsible for taking the suitable measures in order to comply with the requirements set forth in current legislation.

The information included in this Safety Data Sheet is only a description of the safety requirements for the preparation. It must not be considered as a guarantee of its properties.

The information included in this Safety Data Sheet has been drawn up in accordance with CLP Regulation (EC) No 1272/2008.

END OF THE SAFETY DATA SHEET