


	PLIOART IMPREGNACION Code: 06131M	
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Version: 5 Revision: 31/08/2015 Previous revision: 08/05/2015 Date of printing: 31/08/2015

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING


- 1.1 **PRODUCT IDENTIFIER:** PLIOART IMPREGNACION
Code: 06131M
- 1.2 **RELEVANT IDENTIFIED USES AND USES ADVISED AGAINST:** [] Industrial [X] Professional [X] Consumers
Intended uses (main technical functions):
 Binding primer, solvent-borne.
Uses advised against:
 This product is not recommended for any use or sector of use industrial, professional or consume other than those previously listed as 'Intended or identified uses'. If your use is not covered, please contact the supplier of this material safety data sheet.
Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006:
 Not restricted.
- 1.3 **DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**
 ARTIC INDUSTRIAL QUIMICA, S.A.
 Ctra. de Gerb, 51-73 - 25600 - BALAGUER (Lleida)
 Phone: (+34) 902 431250 - Fax: (+34) 973 445045
E-mail address of the person responsible for the safety data sheet:
 e-mail: info@articsa.net
- 1.4 **EMERGENCY TELEPHONE NUMBER:** (+34) 973 450717 (9:00-13:00 / 15:00-18:00 h.) (working hours)

SECTION 2 : HAZARDS IDENTIFICATION

2.1 **CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:**
Classification in accordance with Regulation (EC) No. 1272/2008-487/2013 (CLP):
 DANGER: Flam. Liq. 3:H226 | Acute Tox. (inh.) 4:H332 | Acute Tox. (skin) 4:H312 | Skin Irrit. 2:H315 | Eye Irrit. 2:H319 | STOT SE (irrit.) 3:H335 | STOT RE 2:H373i | Asp. Tox. 1:H304 | EUH066

Danger class	Classification of the mixture	Cat.	Routes of exposure	Target organs	Effects
<u>Physicochemical:</u> 	Flam. Liq. 3:H226 Acute Tox. (inh.) 4:H332 Acute Tox. (skin) 4:H312	Cat.3 Cat.4 Cat.4	- Inhalation Skin	- - -	- Harmful Harmful
<u>Human health:</u> 	Skin Irrit. 2:H315 Eye Irrit. 2:H319 STOT SE (irrit.) 3:H335 STOT RE 2:H373i	Cat.2 Cat.2 Cat.3	Skin Eyes Inhalation	Skin Eyes Respiratory ways	Irritation Irritation Damage
<u>Environment:</u> Not classified	Asp. Tox. 1:H304 EUH066	Cat.1 -	Ingestion+Aspiration Skin	Lungs Skin	Dead Dryness, Cracking

Full text of hazard statements mentioned is indicated in section 16.

- 2.2 **LABEL ELEMENTS:**
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This product is labelled with the signal word DANGER in accordance with Regulation (EC) No. 1272/2008-487/2013 (CLP)
- Hazard statements:
- | | |
|-----------|---|
| H226 | Flammable liquid and vapour. |
| H373i | May cause damage to organs through prolonged or repeated exposure if inhaled. |
| H312+H332 | Harmful in contact with skin or if inhaled. |
| H304 | May be fatal if swallowed and enters airways. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H315 | Causes skin irritation. |
- Precautionary statements:
- | | |
|--------------------------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102-P405 | Keep out of reach of children. Store locked up. |
| P103 | Read label before use. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280F | Wear protective gloves, clothing and eye protection. In case of inadequate ventilation wear respiratory protection. |
| P301+P310-P330+P331 | IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353-P352-P312 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Call a POISON CENTER or doctor if you feel unwell. |
| P304+P340-P312 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. |
| P501a | Dispose of contents/container in a safe way. |
- Supplementary statements:
None.
- Hazardous ingredients:
Xylene
Ethylbenzene



PLIOART IMPREGNACION
Code: 06131M



2.3 **OTHER HAZARDS:**
 Hazards which do not result in classification but which may contribute to the overall hazards of the mixture:
[Other physicochemical hazards:](#) No other relevant adverse effects are known.
[Other adverse human health effects:](#) Prolonged exposure to vapours may produce transient drowsiness.
[Other negative environmental effects:](#) Does not contain substances that fulfil the PBT/vPvB criteria.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **SUBSTANCES:**
 Not applicable (mixture).

3.2 **MIXTURES:**
 This product is a mixture.
[Chemical description:](#)
 Solution of acrylic polymer.
HAZARDOUS INGREDIENTS:
 Substances taking part in a percentage higher than the exemption limit:

<p>70 < 80 %</p>	<p>Xylene CAS: 1330-20-7 , EC: 215-535-7 CLP: Danger: Flam. Liq. 3:H226 Acute Tox. (inh.) 4:H332 Acute Tox. (skin) 4:H312 Skin Irrit. 2:H315 Eye Irrit. 2:H319 STOT SE (irrit.) 3:H335 Asp. Tox. 1:H304</p>	<p>Autoclassified < REACH</p>
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<p>1 < 2 %</p>	<p>Ethylbenzene CAS: 100-41-4 , EC: 202-849-4 CLP: Danger: Flam. Liq. 2:H225 Acute Tox. (inh.) 4:H332 STOT RE 2:H373iE Asp. Tox. 1:H304</p>	<p>Index No. 601-023-00-4 < ATP06</p>
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[Impurities:](#)
 Does not contain other components or impurities which will influence the classification of the product.

[Stabilizers:](#)
 None

[Reference to other sections:](#)
 For more information on hazardous ingredients, see sections 8, 11, 12 and 16.

[SUBSTANCES OF VERY HIGH CONCERN \(SVHC\):](#)
 # List updated by ECHA on 15/06/2015.
[Substances SVHC subject to authorisation, included in Annex XIV of Regulation \(EC\) no. 1907/2006:](#)
 None
[Substances SVHC candidate to be included in Annex XIV of Regulation \(EC\) no. 1907/2006:](#)
 None

[PERSISTENT, BIOACCUMULABLE AND TOXIC PBT, OR VERY PERSISTENT AND VERY BIOACCUMULABLE VPVB SUBSTANCES:](#)
 Does not contain substances that fulfill the PBT/vPvB criteria.








PLIOART IMPREGNACION
Code: 06131M



SECTION 4 : FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST-AID MEASURES AND MAIN SYMPTOMS AND EFFECTS, ACUTE AND DELAYED:

4.2  Symptoms may occur after exposure, so that in case of direct exposure to the product, when in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Lifeguards should pay attention to self-protection and use the recommended protective equipment if there is a possibility of exposure. Wear protective gloves when administering first aid. It can be dangerous to the person applying 'kiss of life'.

Route of exposure	Symptoms and effects, acute and delayed	Description of first-aid measures
<u>Inhalation:</u> 	Inhalation produces irritation to mucus, coughing and breathlessness.	Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration. If the person is unconscious, place in appropriate recovery position. Keep the patient warm and at rest until medical attention arrives.
<u>Skin:</u> 	Skin contact causes redness.	Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.
<u>Eyes:</u> 	Contact with the eyes produces redness and pain.	Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.
<u>Ingestion:</u> 	If swallowed, may cause irritation of the mouth, throat and esophagus.	If swallowed, seek medical advice immediately and show container or label. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.

4.3 **INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**
Notes to physician: The product inhaled during vomiting could cause lung damage. Thus, emesis should not be induced, neither mechanically nor pharmacologically. In the case of ingestion, empty the stomach with caution.
Antidotes and contraindications: Specific antidote not known. In the case of a pneumonia by chemical agents, must be considered a therapy with antibiotics and corticosteroids.

SECTION 5 : FIRE-FIGHTING MEASURES

5.1 **EXTINGUISHING MEDIA:**
Extinguishing powder or CO2. In the case of more important fires, also alcohol resistant foam and water spray/mist.

5.2 **SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**
Flammable liquid and vapour. Fire can produce a dense black smoke. As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide, nitrogen oxides. Harmful. Irritant. Exposure to combustion or decomposition products may be a hazard to health.

5.3 **ADVICE FOR FIREFIGHTERS:**
Special protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots. If the fire-proof protective equipment is not available or not used, combat fire from a sheltered position or at a safe distance. The standard EN469 provides a basic level of protection for chemical incidents.
Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**
Eliminate possible sources of ignition and when appropriate, ventilate the area. Do not smoke. Avoid direct contact with this product.

6.2 **ENVIRONMENTAL PRECAUTIONS:**
Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

6.3 **METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:**
Contain and mop up spills with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc.). Clean preferably with a biodegradable detergent. Keep the remains in a closed container.

6.4 **REFERENCE TO OTHER SECTIONS:**
For contact information in case of emergency, see section 1.
For information on safe handling, see section 7.
For exposure controls and personal protection measures, see section 8.
For subsequent waste disposal, follow the recommendations in section 13.



PLIOART IMPREGNACION
Code: 06131M



SECTION 7 : HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:
 Comply with the existing legislation on health and safety at work.
General recommendations:
 Avoid any type of leakage or escape. Keep the container tightly closed.
Recommendations for the prevention of fire and explosion risks:
 Due to its flammability, this material should only be used in areas from which all naked lights and other sources of ignition have been excluded and away from other heat or electrical sources. Switch mobile phones off and do not smoke. No tools with a potential for sparks should be used.
 - Flash point : 25. °C
 - Autoignition temperature : 463. °C
 - Upper/lower flammability or explosive limits : 1.1 - 7.1 % Volume 25°C
Recommendations for the prevention of toxicological risks:
 Do not eat, drink or smoke while handling. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.
Recommendations for the prevention of environmental contamination:
 It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
 Prevent unauthorized access. Keep out of reach of children. This product should be stored isolated from heat and electrical sources. Do not smoke in storage area. If possible, avoid direct contact with sunlight. Avoid extreme humidity conditions. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.
Class of store : According to current legislation.
Maximum storage period : 24. months
Temperature interval : min: 5. °C, max: 40. °C (recommended).
Incompatible materials:
 Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
Type of packaging:
 According to current legislation.
Limit quantity (Seveso III): Directive 96/82/EC~2003/105/EC:
 Lower threshold: 5000 tons , Upper threshold: 50000 tons

7.3 SPECIFIC END USES:
 For the use of this product do not exist particular recommendations apart from that already indicated.



PLIOART IMPREGNACION
Code: 06131M



SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **CONTROL PARAMETERS:**
If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

OCCUPATIONAL EXPOSURE LIMIT VALUES (TLV)

AGCIH 2013	Year	TLV-TWA		TLV-STEL		Observations
		ppm	mg/m3	ppm	mg/m3	
Xylene	1996	100.	434.	150.	651.	A3
Ethylbenzene	2002	100.	434.	125.	543.	

TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit.
A3 - Carcinogenic in animals.

BIOLOGICAL LIMIT VALUES:

Not established

DERIVED NO-EFFECT LEVEL (DNEL):

Derived no-effect level (DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidances included in REACH. DNEL values may differ from a occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH.

<u>Derived no-effect level, workers:</u> - Systemic effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3	<u>DNEL Cutaneous</u> mg/kg bw/d	<u>DNEL Oral</u> mg/kg bw/d	-	-
	-	-	-	-	-
<u>Derived no-effect level, workers:</u> - Local effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3	<u>DNEL Cutaneous</u> mg/cm2	<u>DNEL Eyes</u> mg/cm2	-	-
	-	-	-	-	-
<u>Derived no-effect level, general population:</u> - Systemic effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3	<u>DNEL Cutaneous</u> mg/kg bw/d	<u>DNEL Oral</u> mg/kg bw/d	-	-
	-	-	-	-	-
<u>Derived no-effect level, general population:</u> - Local effects, acute and chronic: Not available (without data of registration REACH).	<u>DNEL Inhalation</u> mg/m3	<u>DNEL Cutaneous</u> mg/cm2	<u>DNEL Eyes</u> mg/cm2	-	-
	-	-	-	-	-



PLIOART IMPREGNACION
Code: 06131M



PREDICTED NO-EFFECT CONCENTRATION (PNEC):

<u>Predicted no-effect concentration, aquatic organisms:</u> - Fresh water, marine water and intermitent release: Not available (without data of registration REACH). - Wastewater treatment plants (STP) and sediments in fresh- and marine water: Not available (without data of registration REACH).	<u>PNEC Fresh water</u> mg/l -	<u>PNEC Marine</u> mg/l -	<u>PNEC Intermittent</u> mg/l -
	<u>PNEC STP</u> mg/l -	<u>PNEC Sediments</u> mg/kg dry weight -	<u>PNEC Sediments</u> mg/kg dry weight -
<u>Predicted no-effect concentration, terrestrial organisms:</u> - Air, soil and effects for predators and humans: Not available (without data of registration REACH).	<u>PNEC Air</u> mg/m3 -	<u>PNEC Soil</u> mg/kg dry weight -	<u>PNEC Oral</u> mg/kg bw/d -

8.2 EXPOSURE CONTROLS:

ENGINEERING MEASURES:



Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the Occupational Exposure Limits, suitable respiratory protection must be worn.




Protection of respiratory system: Avoid the inhalation of product.

Protection of eyes and face: It is recommended to dispose of water taps or sources with clean water close to the working area.

Protection of hands and skin: It is recommended to dispose of water taps or sources with clean water close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be applied once exposure has occurred.

OCUPATIONAL EXPOSURE CONTROLS: Directive 89/686/EEC-96/58/EC:

As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding EC marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc.), you should consult the informative brochures provided by the manufacturers of PPE.

<u>Mask:</u> 	Mask for gases and vapours (EN14387). Classe 1: low capacity up to 1000 ppm, Classe 2: medium capacity up to 5000 ppm, Classe 3: high capacity up to 10000 ppm. In order to obtain a suitable protection level, the filter class must be selected depending on the type and concentration of the contaminating agents present, in accordance with the specifications supplied by the filter producers.
<u>Goggles:</u> 	Safety goggles with suitable lateral protection (EN166). Clean daily and disinfect at regular intervals in accordance with the instructions of the manufacturer.
<u>Face shield:</u>	No.
<u>Gloves:</u> 	Gloves resistant against chemicals (EN374). When it can be a repeated or prolonged contact, it is recommended to use gloves with a protection level 5 or higher, with a breakthrough time >240 min. When you only expects a short contact, it is recommended to use gloves with a protection level 2 or higher, with a breakthrough time >30 min. The breakthrough time of the selected glove material should be in accordance with the pretended period of use. There are several factors (for example, temperature), they do in practice the period of use of a protective gloves resistant against chemicals is clearly lower than the established standard EN374. Due to the wide variety of circumstances and possibilities, we must have in mind the manual of instructions from manufacturers of gloves. Use the proper technique of removing gloves (without touching glove's outer surface) to avoid contact of the product with the skin. The gloves should be immediately replaced when any sign of degradation is noted.
<u>Boots:</u>	No.
<u>Apron:</u>	No.
<u>Clothing:</u>	Advisable.

Thermal hazards:
Not applicable (the product is handled at room temperature).

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid any spillage in the environment.

Spills on the soil: Prevent contamination of soil.

Spills in water: Do not allow to escape into drains, sewers or water courses.

Emissions to the atmosphere: Not applicable.



PLIOART IMPREGNACION
Code: 06131M



SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1	<p>INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:</p> <p><u>Appearance</u></p> <ul style="list-style-type: none"> - Physical state : Liquid. - Colour : Colourless. - Odour : Characteristic - Odour threshold : Not available (mixture). <p><u>pH-value</u></p> <ul style="list-style-type: none"> - pH : Not applicable <p><u>Change of state</u></p> <ul style="list-style-type: none"> - Melting point : Not applicable (mixture). - Initial boiling point : 136.2 °C at 760 mmHg <p><u>Density</u></p> <ul style="list-style-type: none"> - Vapour density : 3.66 at 20°C 1 atm. Relative air - Relative density : 0.89 at 20/4°C Relative water <p><u>Stability</u></p> <ul style="list-style-type: none"> - Decomposition temperature : Not available <p><u>Viscosity:</u></p> <ul style="list-style-type: none"> - Dynamic viscosity : 42. cps 23°C - Kinematic viscosity : 16. mm2/s at 40°C - Viscosity (flow time) : 15. ± 3. sec.FC4 23°C <p><u>Volatility:</u></p> <ul style="list-style-type: none"> - Vapour pressure : 7. mmHg at 20°C - Vapour pressure : 4.5 kPa at 50°C <p><u>Solubility(ies)</u></p> <ul style="list-style-type: none"> - Solubility in water: : Not miscible - Solubility in oils and fats: : Not available <p><u>Flammability:</u></p> <ul style="list-style-type: none"> - Flash point : 25. °C - Upper/lower flammability or explosive limits : 1.1 - 7.1 % Volume 25°C - Autoignition temperature : 463. °C <p><u>Explosive properties:</u> Not available.</p> <p><u>Oxidizing properties:</u> Not classified as oxidizing product.</p>
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9.2	<p>OTHER INFORMATION:</p> <ul style="list-style-type: none"> - Heat of combustion : 9738. Kcal/kg - Solids : 10.9 % Weight - VOC (supply) : 741.0 g/l <p>The values indicated do not always coincide with product specifications. The data for the product specifications can be found in the technical data sheet of the same. For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.</p>
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SECTION 10 : STABILITY AND REACTIVITY

10.1	<p>REACTIVITY:</p> <p><u>Corrosivity to metals:</u> It is not corrosive to metals.</p> <p><u>Pyrophorical properties:</u> It is not pyrophoric.</p>
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10.2	<p>CHEMICAL STABILITY:</p> <p>Stable under recommended storage and handling conditions.</p>
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10.3	<p>POSSIBILITY OF HAZARDOUS REACTIONS:</p> <p>Possible dangerous reaction with oxidizing agents, acids.</p>
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10.4	<p>CONDITIONS TO AVOID:</p> <p><u>Heat:</u> Keep away from sources of heat.</p> <p><u>Light:</u> If possible, avoid direct contact with sunlight.</p> <p><u>Air:</u> Not applicable.</p> <p><u>Humidity:</u> Avoid extreme humidity conditions.</p> <p><u>Pressure:</u> Not applicable.</p> <p><u>Shock:</u> Not applicable.</p>
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10.5	<p>INCOMPATIBLE MATERIALS:</p> <p>Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.</p>
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10.6	<p>HAZARDOUS DECOMPOSITION PRODUCTS:</p> <p>As consequence of thermal decomposition, hazardous products may be produced: nitrogen oxides.</p>
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PLIOART IMPREGNACION
Code: 06131M



SECTION 11 : TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation is available. The toxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EC) No. 1272/2008-487/2013 (CLP).

11.1 <u>INFORMATION ON TOXICOLOGICAL EFFECTS:</u>				
<u>ACUTE TOXICITY:</u>				
<u>Dose and lethal concentrations for individual ingredients:</u>		<u>DL50 (OECD 401)</u> mg/kg oral	<u>DL50 (OECD 402)</u> mg/kg cutaneous	<u>CL50 (OECD 403)</u> mg/m3.4h inhalation
Xylene		4300. Rat	1700. Rabbit	> 22080. Rat
Ethylbenzene		3500. Rat	15400. Rabbit	> 17400. Rat
<u>No observed adverse effect level</u> Not available				
<u>Lowest observed adverse effect level</u> Not available				
<u>INFORMATION ON LIKELY ROUTES OF EXPOSURE :Acute toxicity:</u>				
<u>Routes of exposure</u>	<u>Acute toxicity</u>	<u>Cat.</u>	<u>Main effects, acute and/or delayed</u>	
<u>Inhalation:</u> 	ETA : 12340. mg/m3	Cat.4	HARMFUL: Harmful if inhaled vapours.	
<u>Skin:</u> 	ETA : 1261. mg/kg	Cat.4	HARMFUL: Harmful in contact with skin.	
<u>Eyes:</u> Not classified	Not available	-	Not classified as a product with acute toxicity by eye contact (lack of data).	
<u>Ingestion:</u> Not classified	ETA > 5000 mg/kg	-	Not classified as a product with acute toxicity if swallowed (based on available data, the classification criteria are not met).	

CORROSION / IRRITATION / SENSITISATION :

<u>Danger class</u>	<u>Target organs</u>	<u>Cat.</u>	<u>Main effects, acute and/or delayed</u>
<u>Respiratory corrosion/irritation:</u> 	Respiratory ways 	Cat.3	IRRITANT: May cause respiratory irritation.
<u>Skin corrosion/irritation:</u> 	Skin 	Cat.2	IRRITANT: Causes skin irritation.
<u>Serious eye damage/irritation:</u> 	Eyes 	Cat.2	IRRITANT: Causes serious eye irritation.
<u>Respiratory sensitisation:</u> Not classified	-	-	Not classified as a product sensitising by inhalation (based on available data, the classification criteria are not met).
<u>Skin sensitisation:</u> Not classified	-	-	Not classified as a product sensitising by skin contact (based on available data, the classification criteria are not met).

ASPIRATION HAZARD:

<u>Danger class</u>	<u>Target organs</u>	<u>Cat.</u>	<u>Main effects, acute and/or delayed</u>
<u>Aspiration hazard:</u> 	Lungs 	Cat.1	HAZARD OF ASPIRATION: May be fatal if swallowed and enters airways.

SPECIFIC TARGET ORGANS TOXICITY (STOT): Single exposure (SE) and/or Repeated exposure (RE):

<u>Effects</u>	<u>SE/RE</u>	<u>Target organs</u>	<u>Cat.</u>	<u>Main effects, acute and/or delayed</u>
<u>Cutaneous:</u>	RE	Skin 	-	DEFATTENING: Repeated exposure may cause skin dryness or cracking.

CMR EFFECTS:

Carcinogenic effects: Is not considered as a carcinogenic product.
Genotoxicity: Is not considered as a mutagenic product.
Toxicity for reproduction: Do not harm fertility. Do not harm the fetus developing.
Effects via lactation: Not classified as a hazardous product for children breast-fed.



PLIOART IMPREGNACION
Code: 06131M



SECTION 12 : ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EC) No. 1272/2008-487/2013 (CLP).

12.1	<u>TOXICITY:</u>			
	<u>Acute toxicity in aquatic environment</u> for individual ingredients :	<u>CL50</u> (OECD 203) mg/L/96hours	<u>CE50</u> (OECD 202) mg/L/48hours	<u>CE50</u> (OECD 201) mg/L/72hours
	Xylene Ethylbenzene	14. Fishes 12. Fishes	16. Daphnia 1.8 Daphnia	33. Algae
	<u>No observed effect concentration</u> Not available			
	<u>Lowest observed effect concentration</u> Not available			

12.2	<u>PERSISTENCE AND DEGRADABILITY:</u> Not available.			
	<u>Aerobic biodegradation</u> for individual ingredients :	<u>DQO</u> mgO2/g	<u>%DBO/DQO</u> 5 days 14 days 28 days	<u>Biodegradability</u>
	Xylene Ethylbenzene	2620. 3164.	~ 30. ~ 68. ~ 79.	Easy Easy

12.3	<u>BIOACCUMULATIVE POTENTIAL:</u> Not available.			
	<u>Bioaccumulation</u> for individual ingredients :	<u>logPow</u>	<u>BCF</u> L/kg	<u>Potential</u>
	Xylene Ethylbenzene	2.95 3.15	29. (calculated) 56. (calculated)	Low Low

12.4 MOBILITY IN SOIL:
Not available.

12.5 RESULTS OF PBT AND VPVBASESMENT: Annex XIII of Regulation (EC) no. 1907/2006:
Does not contain substances that fulfill the PBT/VPvB criteria.

12.6 OTHER ADVERSE EFFECTS:
Ozone depletion potential: Not available.
Photochemical ozone creation potential: Not available.
Earth global warming potential: In case of fire or incineration liberates CO2.
Endocrine disrupting potential: Not available.

PLIOART IMPREGNACION
Code: 06131M**SECTION 13 : DISPOSAL CONSIDERATIONS****13.1** WASTE TREATMENT METHODS: [Directive 2008/98/EC:](#)

Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

Disposal of empty containers: [Directive 94/62/EC-2005/20/EC, Decision 2000/532/EC:](#)

Emptied containers and packaging should be disposed of in accordance with currently local and national regulations. The classification of packaging as hazardous waste will depend on the degree of emptying of the same, being the holder of the residue responsible for their classification, in accordance with Chapter 15 01 of Decision 2000/532/EC, and forwarding to the appropriate final destination. With contaminated containers and packaging, adopt the same measures as for the product in itself.

Procedures for neutralising or destroying the product:

Controlled incineration in special facilities for chemical waste, but in accordance with local regulations.



PLIOART IMPREGNACION
Code: 06131M



SECTION 14 : TRANSPORT INFORMATION

14.1 **UN NUMBER:** 1263

14.2 **UN PROPER SHIPPING NAME:**
PAINT

14.3 **TRANSPORT HAZARD CLASS(ES) AND PACKING GROUP:**

14.4 Transport by road (ADR 2015) and (Special provision 640E)
Transport by rail (RID 2015):

- Class: 3
- Packaging group: III
- Classification code: F1
- Tunnel restriction code: (D/E)
- Transport category: 3 , max. ADR 1.1.3.6. 1000 L
- Limited quantities: 5 L (see total exemptions ADR 3.4)
- Transport document: Consignment paper.
- Instructions in writing: ADR 5.4.3.4



Transport by sea (IMDG 36-12):

- Class: 3
- Packaging group: III
- Emergency Sheet (EmS): F-E,S_E
- First Aid Guide (MFAG): 310,313
- Marine pollutant: No.
- Transport document: Shipping Bill of lading.



Transport by air (ICAO/IATA 2014):

- Class: 3
- Packaging group: III
- Transport document: Air Bill of lading.



Transport by inland waterways (ADN):
Not available.

14.5 **ENVIRONMENTAL HAZARDS:**
Not applicable (not classified as hazardous for the environment).

14.6 **SPECIAL PRECAUTIONS FOR USER:**
Ensure that persons transporting the product know what to do in case of accident or spill. Always transport in closed containers that are in a vertical position and sure. Ensure adequate ventilation.

14.7 **TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:**
Not applicable.

SECTION 15 : REGULATORY INFORMATION

15.1 **EU SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC:**
The regulations applicable to this product generally are listed throughout this material safety data sheet.

Restrictions on manufacture, placing on market and use: See section 1.2

Control of the risks inherent in major accidents (Seveso III): See section 7.2

Tactile warning of danger: If the product is intended for the general public, is mandatory a tactile warning of danger. The technical specifications for tactile warning devices shall conform with EN ISO standard 11683 relating to 'Packaging - Tactile warnings of danger - Requirements.'

Child safety protection: If the product is intended for the general public, is required a child-resistant fastening. Child-proof fastenings used on reclosable packages shall comply with ISO standard 8317 relating to 'Child resistant packages - Requirements and methods of testing for reclosable packages.' Child-proof fastenings used on non-reclosable packages shall comply with CEN standard EN 862, relating to 'Packaging - Child-resistant packaging - Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products.'

VOC information on the label:
Contains VOC max. 742. g/l - The limit value 2004/42/CE-IIA cat.h) for the product ready for use is VOC max. 750. g/l (2010).

OTHER REGULATIONS:
Not available

15.2 **CHEMICAL SAFETY ASSESSMENT:**
Not applicable (mixture).



PLIOART IMPREGNACION
Code: 06131M



SECTION 16 : OTHER INFORMATION

16.1 TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 AND/OR 3:
Hazard statements according the Regulation (EC) No. 1272/2008-487/2013 (CLP), Annex III:
H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H373IE May cause damage to hearing organs through prolonged or repeated exposure if inhaled.

ADVICES ON ANY TRAINING APPROPRIATE FOR WORKERS:

It is recommended for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to provide understanding and interpretation of material safety data sheets and labelling of products as well.

MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:

- European Chemicals Agency: ECHA, <http://echa.europa.eu/>
- Access to European Union Law, <http://eur-lex.europa.eu/>
- Industrial Solvents Handbook, Ibert Mellan (Noyes Data Co., 1970).
- Threshold Limit Values, (AGCIH, 2012).
- European agreement on the international carriage of dangerous goods by road, (ADR 2015).
- International Maritime Dangerous Goods Code IMDG including Amendment 36-12 (IMO, 2012).

ABBREVIATIONS AND ACRONYMS:

List of abbreviations and acronyms that can be used (but not necessarily used) in this material safety data sheet:

- REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
- DSD: Dangerous Substances Directive.
- DPD: Dangerous Preparations Directive.
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals of the United Nations.
- CLP: European regulation on Classification, Labelling and Packaging of substances and chemical mixtures.
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- ELINCS: European List of Notified Chemical Substances.
- CAS: Chemical Abstracts Service (Division of the American Chemical Society).
- UVCB: Substances of Unknown or Variable composition, complex reaction products or biological materials).
- SVHC: Substances of Very High Concern.
- PBT: Persistent, bioaccumulable and toxic substances.
- vPvB: Very persistent and very bioaccumulable substances.
- VOC: Volatile Organic Compounds.
- DNEL: Derived No-Effect Level (REACH).
- PNEC: Predicted No-Effect Concentration (REACH).
- LD50: Letal dose, 50 percent.
- LC50: Letal concentration, 50 percent.
- UN: United Nations Organisation.
- ADR: European agreement concerning the international carriage of dangerous goods by road.
- RID: Regulations concerning the international transport of dangerous goods by rail.
- IMDG: International Maritime code for Dangerous Goods.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.

MATERIAL SAFETY DATA SHEET REGULATIONS:

Material Safety Data Sheet in accordance with Article 31 of Regulation (EC) No. 1907/2006 (REACH) and Annex of Regulation (EU) No. 2015/830.

HISTORY:

Version: 4
Version: 5

Revision:

08/05/2015
31/08/2015

Modifications with respect to the previous Material Safety Data Sheet:

The possible legislative, contextual, numerical, methodological and normative changes with respect to the previous version are highlighted in this Material Safety Data Sheet by a mark # in red and italic.

The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.