Product name	WEGPOXI BI	OCK N 2912 TYPE II R WHIT	E Code	11607327
	WI N9,5 CON	1PONENT A		
Last revision:	31.08.2017		Page: <b>1</b> c	of <b>13</b>
	1. PROD	UCT AND COMPANY IDENT	FICATION	
Product name	:	WEGPOXI BLOCK N 2912 COMPONENT A	TYPE II R WHIT	E WI N9,5
Code	:	11607327		
Main recommended	uses :	Coating for maintenance	sector	
Address	:	Rodovia BR 280 - km 50 CEP 89270-000, Guaramir	im - SC	
Telephone	:	+55 47 3276-4000		
Emergency telephor number	e :	0800 720 8000		
E-mail / site	:	tintas@weg.net   www.w	veg.net	

## 2. HAZARD IDENTIFICATION

Mixture classification Skin Corrosion/irritation	:	Category 2
Skin sensitization	:	Category 1
Germ cell mutagenicity	:	Category 2
Reproductive toxicity	:	Category 1B
Hazardous to the aquatic environment - Acute	:	Category 3
Hazardous to the aquatic environment - Cronic	:	Category 3

Classification according to NBR 14725-2/2009

## Labelling Elements

Product name	MATERIAL SAFETY DATA SHEET - MSDS WEGPOXI BLOCK N 2912 TYPE II R WHITE Code WI N9,5 COMPONENT A	11607327
.ast revision:	31.08.2017 Page: 2	of <b>13</b>
Warning phrase	: Danger	
Hazard phrases	<ul> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reacti</li> <li>H341 Suspected of causing genetic de</li> <li>H360 May damage fertility or the unbor</li> <li>H402 Harmful to aquatic life.</li> <li>H412 Harmful to aquatic life with long labeled</li> </ul>	fects. 'n child.
Caution Phrases	: Prevention:	
	P201 Obtain special instructions before	) use.
	P202 Do not handle until all safety pre and understood.	cautions have been read
	P261 Avoid breathing dust/ fume/ gas/	mist/ vapours/ spray.
	P264 Wash thoroughly after handling.	
	P272 Contaminated work clothing sho the workplace.	uld not be allowedout of
	P273 Avoid release to the environment	
	P280 Wear protective gloves/ protection/ face protection.	rotective clothing/ eye
	<b>Reaction:</b> P302+P352 IF ON SKIN: Wash with plo	enty of water.
	P308+P313 IF exposed or concerned:	Call a doctor.
	P333+P313 If skin irritation or medicaladvice/attention.	a rash occurs: Get
	P362+P364 Take off contaminated clo reuse.	thing and wash it before
	<b>Storage:</b> P405 Store locked up.	
	<b>Treatmentand disposal of waste:</b> P501 Dispose of contents/container MSDS.	as chapter 13 of the
Other hazard	: When heated above its flash point, t toxic vapors and flames, and can burn to an ignition source.	

MATERIAL SAFETY DATA SHEET - MSDS						
Product name	WEGPOXI BLOCK N 2912 TYPE II R WHITE	Code	11607327			
	WI N9,5 COMPONENT A					
Last revision:	31.08.2017	Page: <b>3</b> of 1	13			

## 3. COMPOSITION AND INFORMATION ABOUT THE INGRENDIENTS

## Product type: : Mixture

#### Ingrendients that contribute to danger:

Product name	CAS No.	Risck classification	Concentration [%]
ADDITIVE THINNER REACTIVE	2210-79-9	Germ cell mutagenicity , Category 2 Skin sensitization , Category 1 Skin Corrosion/irritation , Category 2 Hazardous to the aquatic environment - Cronic , Category 2	>= 1 - < 5
ADDENDUM PLASTICIZER	84-74-2	Reproductive toxicity , Category 1B Hazardous to the aquatic environment - Acute , Category 1	>= 1 - < 5

## 4. FIRST AID MEASURES

Inhalation	:	Take the victim to fresh air, keeping them rested and warm. If breathing is irregular or has stopped, apply artificial respiration. Do not give anything orally. Seek medical assistance immediately, bringing the product label whenever possible.
Contact with the skin	:	Remove the product with vegetal oil (cooking oil) and then wash the skin thoroughly with plenty of water. Do not use solvents or thinners. Seek medical attention in case of any irritation or other symptoms.
Contact with the eyes	:	Remove contact lenses, if wearing any. Flush the eyes with running water for at least 15 minutes, holding the eyelids apart. Seek medical assistance immediately, bringing the product label with you.
Ingestion	:	Do not provoke vomiting. Consult with a doctor immediately.
Most important symptoms and effects, both acute and	:	Headaches, dizziness, fatigue and in extreme cases, loss of consciousness.

	MATERI	AL SAFETY DATA	SHEET - MS	DS		
Product name	WEGPOXI BL	OCK N 2912 TYPE	II R WHITE	Code	11607327	Ш
	WI N9,5 COM	1PONENT A				
Last revision:	31.08.2017			Page: <b>4</b> o	of <b>13</b>	
delayed Notes for the do	ctor :	of aspiration of g is recommender more than 5ml potential of the	gastric conter d when the of the substa quantity co	nts into the patient ing ance in its insumed m	miting because of lungs. Gastric lava ests large quantit pure form. The to nust be evaluated uring gastric lava	age ties, oxic d in

cases the coal induces vomiting.

Activated coal in solution could be useful. However, in some

#### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing methods	:	Water in mist form Carbon dioxide (CO2) Foam alcohol resistent Dry chemical powder
Extinguishing methods not recommended	:	Direct water jet.
Specific dangers	:	The finely dispersed particles form explosive mixtures in air, in the presence of sparks. Burning forms a thick black smoke. Inhalation of dangerous products of decomposition may cause serious damage to health.
Protective measures of the fire fighting team.	:	The personnel involved in firefighting should wear self contained breathing apparatus with positive pressure and full protection clothes.
Specific methods	:	Evacuate and isolate the area. Approach from fire with wind at your back. Fight the fire to a secure distance. Remove the packaging of the product from the fire area if this can be made with safety. Chill sideways with water in form of fog all the closed packaging near the fire. Avoid that the resulting water from fire fighting reaches drains or waterways. Use dikes to contain this water and eliminate it according to environmental regulations.

## 6. SPILL / LEAK CONTROL PROCEDURES

#### Personal precautions, protective equipment and emergency procedures

For the emergency service staff	: If specialized clothing is needed to combat the leak/spillage, Section 8 should be consulted. All precautions described in the following section must be followed.	

## For staff who are not part : No action should be taken that may generate danger to

WEGPOXI BLOCK N 2912 TYPE II R WHITE

Product name Code 11607327 WI N9,5 COMPONENT A Last revision: 31.08.2017 Page: 5 of 13 people without adequate training and of the emergency services qualifications.Understand the dangers of leaked/spilled products. Use appropriate personal protective equipment see section 8. Evacuate surrounding areas. Isolate area and keep onlookers away. Do not touch or walk through spilled material. Eliminate all sources of ignition. Avoid breathing vapor or mist. Provide adequate ventilation if possible. Wear appropriate respiratory mask when ventilation is inadequate.In accordance with characteristics of the location and/or area and in relation to the amount of spilled/leaked product, additional emergency measures may be taken under the supervision of a trained professional. **Environmental precautions** : Prevent the product or the water used in the service reaches waterways. channels, drains, or galleries. In case of significant spill, retain spi lled liquid with inert material such as sand or earth. In approprieate,

## Methods and materials for containment and cleaning

etc.

Large spills / leaks	:	Understand products.Approace leak if this can b depressions in th Confine the spill disposal. Remove sparkling tools a product. All equip be electrically gr (sand, vermiculited later disposal - se	ching the e done s ne floor. If in a dike e local pa nd explo- oment us rounded. e) placing	site with the afely. Preven this happens away from ckaging from sion-proof eq ed when han Soak up with the same in	wind from t from en- to provi- the leak the spills uipment dling the n an ine	ntering holes / ide ventilation. point for later s site. Use anti to collect the product must rt dry material
Small spills / leaks	:	Stop the leak if th tarp to prevent th tools and explosic collect the produc and properly iden so removing then Remove the pack disposal need ref	e spread on-proof e ct. Place t ntified con n from the kaging fro	by wind or ra equipment pro- he material c tainers. Cap t spill site. Av m the spill sit	in. Use a operly gro ollected i the conta oid forma	ntifaiscantes ounded to in dry, clean ainer loosened ation of dust.

Contain and collect the material of the leak with absorbent materials and non-combustible, such as sand, earth, vermiculite, calcined diatomite, etc. in a waste container in accordance with local regulations.

use absorbent materials such as sawdust, rags, vermiculites,

#### 7. HANDLING AND STORAGE

MATERIAL SAFETY DATA SHEET - MSDS WEGPOXI BLOCK N 2912 TYPE II R WHITE Product name Code 11607327 WI N9,5 COMPONENT A Last revision: 31.08.2017 Page: 6 of 13 Precautions for safe handling : Use individual protective equipment. Emergency showers and Instructions for safe treatment eye wash basins must be installed in locations of use and storage. Precautions for safe : Use appropriate personal protective equipment - see section handling 8; The product handling should occur in places with good natural ventilation or with the presence of local exhaust ventilation; The electrical installations must comply with the International Electrical Commission Standards (IEC), ABNT Standards (Brazilian Association of Technical Standards), taking into account the results of the classification area study for the local and/or product instalation. Use anti-sparking tools when handling the product; In transfer operations, metal containers must be used and all containers must be properly grounded to avoid sparkling by the accumulation of static energy; Handle and use away from hot surfaces, sparks, open flames, and other sources of ignition. Do not smoke; Do not ingest. Avoid inhalation of vapors or smoke as well as avoid contact with eyes, skin and clothing; Eating and drinking should be prohibited in the area where the material is handled, stored and processed. Workers should wash their hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering food areas; After use keep the product in its original packaging, sealed; Empty containers may be hazardous and should be disposed of properly. Do not reuse the packaging; Emergency showers and eye washer should be installed in the use and storage places. Do not handle the product until you have read and understood all safety precautions contained in this document. **Fire protection** : Only use in well-ventilated locations, to prevent accumulation of vapors in explosive concentrations.All conductive elements of the system, in contact with the product, must be electrically grounded Keep away from heat and sources of ignition. Tools that do not produce sparks should be used. Do not smoke. Storage conditions Substances to be avoid Keep away from oxidising agents, strong acid solutions and : strong alkaline solutions. Storage conditions : The electrical installation must comply with NEC(National Electrical Code) or IEC (International Electrical Commission) standards and/or those of the ABNT (Brazilian Association of Technical Standards). The floor of the storage area must be impermeable, non-combustible and must have ditches that allow run off into the containment reservoir. Storage tanks must be surrounded by embankments and have drains in case of leakage. Appropriate storage : Store the material in covered, dry, well ventilated and conditions identified areasKeep out of direct sunlight.Store in a closed container. Inappropriate storage : Exposed to elevated temperatures, sun and rain.Close to PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG

		• • • • •		•		
Product name	WEGPOXI I	BL	DCK N 2912 TYPE II R WHITE	Code	11607327	Ш
	WI N9,5 CO	M	PONENT A			
Last revision:	31.08.2017			Page: <b>7</b> c	of <b>13</b>	
conditions			oxidizing agents.Close to food ignition.	I.Close to	sources of heat and	
Materials to avoid	ł	:	Do not store with explosive m gases, oxidizing, corrosive sub generate spontaneous combus	ostances,		
Secure packaging	materials					
Recommended p materials	ackaging	:	Amber type glass. Metal packaging			
Packaging mater avoided	ials to be	:	Certain plastic materials			

#### 8. EXPOSURE CONTROL – PERSONAL PROTECTION

The information in this chapter contain general guidelines. Chapter 1 should be consulted for any information on the recommended use of this product in different scenarios of exposure.

Preferably use the product in adequate application cabin. In case it is not possible, provide exhaustion/ventilation enough to keep the concentration of the agents indicated in this section under the limits of tolerance (L.T.), otherwise, use adequate respiratory protection equipment. The engineering controls should keep the concentrations of gas/vapour under the limit of LEL - Lower Explosive Limit (see section 9). Use equipment explosion proof.

#### **Control parameters**

#### **Occupational Exposure Limits**

Name	CAS No.	TLV/TWA	TLV/STEL	TLV/TETO	Source
ADDITIVE THINNER REACTIVE	2210-79-9				
ADDENDUM PLASTICIZER	84-74-2				

\*PPM - parts of vapour or gas per million of parts of contaminated air

\*\*MG/m<sup>3</sup> - miligrams per cubic meter of air.

#### Personal protective equipment required

**Respiratory protection** : In case of the concentrations are above the indicated tolerance limits, the use of appropriated mask is necessary for this goal (half-face mask or full face mask with filter to organic vapors and acid gases).

	MATERI	AL SAFETY I	DATA SHEET - M	SDS			
Product name	WEGPOXI BL	OCK N 2912	TYPE II R WHITE	Code	11607327	Ш	
	WI N9,5 CON	IPONENT A				<b>B</b>	
Last revision:	31.08.2017			Page: <b>8</b> c	Page: <b>8</b> of <b>13</b>		
Hand protection	:	Use nitrilic protection	0	d with the us	e of the adequate		
Eye protection	:	Use herm	etic goggles to pro	otect against	liquid splashes.		
<b>Body and skin protection</b> : It is recommended the use of apron barber type to protecting upper limbs, trunk and lower limbs in case of splash. In case of risk of static electricity generation the cloth should be antistatic, includin the apron.							

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid
State of matter	:	Liquid
Color	:	White
Odour	:	Distinctive
Odour limit	:	Not applicable
рН	:	Not applicable
Melting point	:	Data not available.
Boiling point	:	Data not available.
Flash Point (Open cup)	:	100 °C
Evaporation rate	:	Data not available.
Inflammation point	:	Method: Data not available.
Upper explosive limit	:	Data not available.
Lower explosive limit	:	Data not available.
Vapor pressure	:	Data not available.
Density	:	1,45 - 1,55 g/cm³
Solubility(ies)	:	Water-insoluble
N-octano /water partition coefficient	:	Data not available.
Auto flammability	:	Data not available.
Cinematic viscosity (25°C)	:	0 - 140 UK (A+B)
Vapor density	:	Data not available.
-		

Product name



Last revision:

Page: 9 of 13

11607327

## **10. STABILITY AND REACTIVITY**

Reactivity	:	esents no reactivity at room temperature and under normal nditions of use.			
Chemical stability	:	Stable at room temperature and under normal conditions of use. Unstable at temperatures above the flash point.			
Possibility of dangerous reactions	:	Presents no reactivity at room temperature and under normal conditions of use. None when the product is stored, applied and processed correctly.			
Need to add additives and inhibitors	:	Not necessary.			
Conditions to avoid	:	Extreme heat and open flame.			
Incompatible materials	:	Do not store with explosive materials, flammableand/or toxic gases, oxidizing, corrosive substances, or materials that may generate spontaneous combustion. Plastic materials soluble in Xylene.			
Dangerous products of decomposition	:	Produces noxious gases such as carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx).			

#### 11. TOXICOLOGICAL INFORMATION

#### Components ADDITIVE THINNER REACTIVE

Acute toxicity by oral use	: Test species DL50 Observations	Rat 5.000 mg/kg
Acute toxicity by inhalation	: Test species DL50 Observations	Data not available.
Acute toxicity by cutaneous use	: Test species DL50 Observations	Data not available.
Acute toxicity (other methods of administration)	: Test species DL50 LC50 Non-standard unit value	Data not available.
Corrosion/irritation of skin	: Category 2	

Prod	uct name	WEGPOXI BL	.00	CK N 2912 TYPE II R WHITE	Code	11607327
		WI N9,5 CON 31.08.2017	1P(	ONENT A	Page: <b>10</b> o	f 13
	Serious eye d		:	Data not available.	1 age. 10 0	15
	irritation	0,				
	Respiratory o sensitivity	r dermal	:	Category 1		
	Ū			Chemicals considered to indu germ cells	ce heritable	mutations in human
				Data not available.		
	Toxic effects reproduction	for	:	Data not available.		
	Specific targe toxicity (STO exposure		:	Data not available.		
,	Specific targe toxicity (STO exposure		:	Data not available.		
		PLASTICIZER				
	Acute toxicity use	y by oral	:	Test species DL50 Observations	Data not	available.
	Acute toxicity inhalation	y by	:	Test species DL50 Observations	Data not	available.
	Acute toxicity cutaneous us	-	:	Test species DL50 Observations	Data not	available.
	Acute toxicity methods of administration	•	:	Test species DL50 LC50 Non-standard unit value	Data not	available.
	Corrosion/irri skin	tation of	:	Data not available.		
	Serious eye d irritation	amage/eye	:	Data not available.		
	Respiratory o sensitivity	r dermal	:	Data not available.		
	Mutageneses		:	Data not available.		
	Carcinogenic	ity	:	Data not available.		
	Toxic effects	for	:	Which admittedly produced ad ability or capacity or lucid dev		
	Specific targe toxicity (STOT exposure		:	Substance produced significa evidence from animal experim has potential to produce toxic exposure.	nents , it car	n be estimated that



WEGPOXI BLOCK N 2912 TYPE II R WHITE Code



11607327

	1PONENT A	
Last revision:	31.08.2017	Page: <b>11</b> of <b>13</b>
Specific target organ toxicity (STOT) - repeat exposure		: Substance based on evidence from studies in experimental animals can probably present a potential to be harmful to human health on repeated exposure

Not classified in terms of toxicity based on the data available.

## **12. ECOLOGICAL INFORMATION**

Stability in soil	:	The product easily infiltrates into the soil
Other toxicological observations	:	Data not available.
Ecotoxicity	:	Contaminates the ground water. Detrimental to the fauna Detrimental to the flora.

## 13. DIOSPOSAL AND TREATMENT CONSIDERATIONS

#### Recommended methods for final disposal

Product name

Product	: Class I Waste - Dispose of in industrial landfill or a facility authorized for recycling in accordance with federal, stateor local regulations
Waste	: Class I Waste - Dispose of in industrial landfill or a facility authorized for recycling in accordance with federal, stateor local regulations
Used packaging	: Clean packaging should be sent for recycling. Packaging with class I waste should be disposed of in industrial landfill or a facility authorized for recycling in accordance with federal, state or local regulations.

## 14. TRANSPORTATION INFORMATION

#### National and international regulations

Land : Not classified as a dangerous good under transport regulations.

Shipping : Not classified as a dangerous good under transport re	egulations.
--	-------------

# PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG Rua Dr. Ulisses Guimarães, 918 – 09372-050 – Mauá – SP – Fone: + 55 (11) 4541-6100 Rodovia Br 280 – Km 50, 6.918 – Bloco A – 89270-000 – Guaramirim – SC – Fone: + 55 (47) 3276-4000 Rua Via VII, 314 – 54590-000 – Cabo de Santo Agostinho – PE – Fone: + 55 (81) 3512-3000 EMERGÊNCIA: +55 0800 720 8000 – E-mail: tintas@weg.net - www.weg.net

MATERIAL SAFETY DATA SHEET - MSDS					
Product name	WEGPOXI BLOCK N 2912 TYPE II R WHITE	Code	11607327	шес	
	WI N9,5 COMPONENT A				
Last revision:	31.08.2017	Page: <b>12</b>	of <b>13</b>		

Air transport : Not classified as a dangerous good under transport regulations.

## 15. REGULATORY INFORMATION

This MSDS (Material Safety Data Sheet) was generated according to the criteria of NBR 14725/2014. (Brazilian standard that defines the GHS).

Specific Regulations for the	Federal Decree No. 2657, July 3rd , 1998.
Chemical Product.	Law No. 12305, August 2nd 2010 (Solid Waste National Policy).
	Decree No. 7404, December 23rd , 2010.
	Ordinance No. 229, May 24th, 2011 - Changes to Regulatory Standard No. 26.
	ABNT NBR 14725: 2014.

## 16. ADDITIONAL INFORMATION

#### Acronyms Used:

Legenda:

CAS	Chemical Abstract Service
VO	Organic Vapors
NEC	National Eletrical code/Código Nacional de Eletricidade
IEC:	International Eletrical Commision
ABNT	Brazilian Association of Technical Standards
ACGIH	American Conference of Governmental Industrial Hygienists
TLV	Threshold Limit Values
TLV/TWA	Time Weighted Average
TLV/STEL	Short Term Exposure Limit
TLC/C:	Tolerance Limit - Ceiling Value
EPI:	Individual Protective Equipment
CA	Approval Certificate
PPRA	Environmental Risk Prevention Program
NR	Regulatory Standard
NFPA	National Fire Protection Agency

Product name

WEGPOXI BLOCK N 2912 TYPE II R WHITE	Code	

	1	1.7
		 -

11607327

Last revisio	WI N9.5 COMPONENT A ion: 31.08.2017 Page: <b>13</b> of <b>13</b>
mmHg	Millimeters of mercury - pressure unit
DL50	Lethal Dose average
CL50	Lethal Concentration average
ppm	Parts per million
N.d	Not available
A+B	Viscosity of the mixture of component A + component B

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical.

We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

Vertical lines in the left hand margin indicate changes from the current version