Product name	W-POXI 711 COMPONEN	NOBAC SB WHITE WI N9,5 F A	Code	10002967	Ш
Last revision:	06.09.2017		Page: 1 o	f 14	
	1. PROD	UCT AND COMPANY IDENTIF	CATION		
Product name	:	W-POXI 711 NOBAC SB WH	IITE WI N9,5 C	COMPONENT A	
Code	:	10002967			
Main recommende	ed uses :	Coating for maintenance se	ctor		
Address	:	Rodovia BR 280 - km 50 CEP 89270-000, Guaramirin	n - SC		
Telephone	:	+55 47 3276-4000			
Emergency telepho number	one :	0800 720 8000			
E-mail / site	:	tintas@weg.net www.we	g.net		

2. HAZARD IDENTIFICATION

Mixture classification Flammable liquids	:	Category 3
Skin Corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 2A
Skin sensitization	:	Category 1
Reproductive toxicity	:	Category 1B
Hazardous to the aquatic environment - Acute	:	Category 2
Hazardous to the aquatic environment - Cronic	:	Category 2
Classification according to NBR	R 14	725-2/2009

Labelling Elements

Product name		L SAFETY DATA SHEET - M OBAC SB WHITE WI N9,5 A	SDS Code	10002967	Шe
Last revision:	06.09.2017		Page: 2 c	of 14	
			*	,	
Warning phrase	:	Danger			
Hazard phrases	:	H226 Flammable liquid and H315 Causes skin irritation. H319 Causes serious eye ir H317 May cause an allergic H360 May damage fertility of H401 Toxic to aquatic life. H411 Toxic to aquatic life w	ritation. skin reactio r the unborr	n child.	
Caution Phrases	:	Prevention: P201 Obtain special instruct	tions before	use.	
		P202 Do not handle until all and understood.	safety prec	autions have been	read
		P210 Keep away from heat and other ignition sources. N		es, sparks, open fl	ames
		P261 Avoid breathing dust/	fume/ gas/ n	nist/ vapours/ sprag	y.
		P273 Avoid release to the e	nvironment.		
		P280 Wear protective protection/ face protection.	gloves/ pro	otective clothing/	еуе
		Reaction: P303+P361+P353 IF ON S all contaminated clothing. R			liately
		P308+P313 IF exposed or c	oncerned: C	Call a doctor.	
		P333+P313 If skin irrit medicaladvice/attention.	ation or	a rash occurs:	Get
		P337+P313 If eye in advice/attention.	rritation p	ersists get me	edical
		P362+P364 Take off contai reuse.	minated clot	hing and wash it b	efore
		P370+P378 In case of fire extinguish.	e: Use as (chapter 5 of MSE	DS to
		P391 Collect spillage.			
		Storage: P403+P235 Store in a well v	ventilated pla	ace. Keep cool.	

	MATERIA	AL SAFETY DATA SHEET - M	SDS		
Product name	W-POXI 711 NOBAC SB WHITE WI N9,5		Code	10002967	шео
	COMPONENT	A			
Last revision:	06.09.2017		Page: 3 (of 14	
		Treatmentand disposal of P501 Dispose of contents MSDS.		as chapter 13 c	of the
Other hazard	:	When heated above its fla toxic vapors and flames, an to an ignition source.			

3. COMPOSITION AND INFORMATION ABOUT THE INGRENDIENTS

Product type:

: Mixture

Ingrendients that contribute to danger:

Product name	CAS No.	Risck classification	Concentration [%]
EPOXI RESIN	25085-99-8	Serious eye damage/eye irritation , Category 2A Skin Corrosion/irritation , Category 2 Skin sensitization , Category 1 Hazardous to the aquatic environment - Cronic , Category 2 Hazardous to the aquatic environment - Acute , Category 2	>= 30 - < 50
SOLVENT ETHYL GLYCOL	110-80-5	Flammable liquids , Category 3 Acute toxicity Ingestion, Category 4 Acute toxicity Inhalation, Category 3 Reproductive toxicity , Category 1B	>= 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.

	IVIATE	MAL SAFETT DATA SHEET - I	VI3D3	
Product name	W-POXI 71	1 NOBAC SB WHITE WI N9,5	Code	10002967
Last revision:	COMPONEN 06.09.2017	IT A	Page: 4 c	of 14
Contact with the	skin	: Remove the product with wash the skin thoroughly solvents or thinners. See irritation or other symptom	with plenty of k medical atte	of water. Do not use
Contact with the	eyes	: Remove contact lenses, i running water for at leas apart. Seek medical ass product label with you.	st 15 minutes	, holding the eyelids
Ingestion		: Do not provoke vomiting. C	Consult with a	doctor immediately.
Most important s and effects, both delayed		: Headaches, dizziness, fat consciousness.	igue and in e	xtreme cases, loss of
Notes for the do	ctor	: Treat symptomatically. Do of aspiration of gastric cor is recommended when the more than 5ml of the sub potential of the quantity relation to the risk of Activated coal in solution cases the coal induces vor	tents into the pepatient ing ostance in its consumed m aspiration du could be usef	lungs. Gastric lavage ests large quantities, pure form. The toxic nust be evaluated in uring gastric lavage.

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	:	Flammable liquid and vapour. Dangerous when exposed to heat or ignition source. Exposed packaging to the fire may rupture due to the increased pressure with risk of a subsequent explosion. The vapours are havier than the air and spread close to the ground and it can move to the ignition source and provoke fire or backspace of the flames. Avoid the accumulation of vapours in depressions on the ground, manholes, basement etc. The vapours and/or the particles finely divided (spray) may form explosive mixtures with the air. In case of burning of the product, it forms carbon and nitrogen compounds. The inhalation of these subproducts may cause 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.

	MATERIA	AL SAFETY DATA SHEET - MSD	S		1
Product name	W-POXI 711 N	NOBAC SB WHITE WI N9,5	Code	10002967	Ш
	COMPONENT	A			
Last revision:	06.09.2017		Page: 5 of	f 14	
Specific methods	:	Evacuate and isolate the area. your back. Fight the fire to a se packaging of the product from t with safety. Chill sideways with closed packaging near the fire. from fire fighting reaches drains contain this water and eliminate regulations.	cure distan he fire area water in fo Avoid that s or waterw	ace. Remove the a if this can be made frm of fog all the the resulting water vays. Use dikes to	

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 : of the emergency services	No action should be taken that may generate danger to people without adequate training and 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, use absorbent materials such as sawdust, rags, vermiculites, etc.

Methods and materials for containment and cleaning

Large spills / leaks : Understand the dangers of leaked/spilled products. Approaching the site with the wind from behind. Stop leak if this can be done safely. Prevent from entering holes / depressions in the floor. If this happens to provide ventilation. Confine the spill in a dike away from the leak point for later disposal. Remove local packaging from the spills site. Use anti sparkling tools and explosion-proof equipment to collect the product. All equipment used when handling the product must be electrically grounded. Soak up with an inert dry material

	MATER	AL SAFETY DATA SHEET - M	SDS		
Product name	W-POXI 711	NOBAC SB WHITE WI N9,5	Code	10002967	- III =
	COMPONEN	ГА			
Last revision:	06.09.2017		Page: 6 c	of 14	
(sand, vermiculite) placing the same in a suitable conta later disposal - see chapter 13.			suitable container	or	
Small spills / leaks :		Stop the leak if this can be d tarp to prevent the spread by tools and explosion-proof eq collect the product. Place the and properly identified conta so removing them from the s Remove the packaging from disposal need refer to chapter	y wind or rain uipment prop e material co iners. Cap th spill site. Avo the spill site	 Use antifaiscantes berly grounded to llected in dry, clean he container loosen id formation of dust 	s ed
		Contain and collect the mate materials and non-combustil vermiculite, calcined diatomi accordance with local regula	ole, such as te, etc. in a v	sand, earth,	

7. HANDLING AND STORAGE

Precautions for safe handling

Instructions for safe treatment	:	Use individual protective equipment. Emergency showers and eye wash basins must be installed in locations of use and storage.
Precautions for safe handling	:	Use appropriate personal protective equipment - see section 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

	MATERI	AL SAFETY DATA SHEET - N	MSDS		
Product name	W-POXI 711	NOBAC SB WHITE WI N9,5	Code	10002967	Ш
	COMPONENT	ГА			
Last revision:	06.09.2017		Page: 7 c	of 14	
		of vapors in explosive con of the system, in contact w grounded Keep away from that do not produce sparks	vith the produc n heat and sou	t, must be electrical irces of ignition.Tool	ly
Storage conditions	5				
Substances to be a	avoid :	 Keep away from oxidising strong alkaline solutions. 	g agents, stron	ng acid solutions an	d
Storage condition	IS :	The electrical installation Electrical Code) or IEC (listandards and/or those of Technical Standards). The impermeable, non-combust allow run off into the con must be surrounded by em of leakage.	nternational El the ABNT (Br floor of the s stible and mu ntainment rese	ectrical Commission azilian Association o torage area must b st have ditches tha ervoir. Storage tank	n) of e at ss
Appropriate stora conditions	ge :	Store the material in c identified areasKeep out container.			
Inappropriate stor conditions	rage :	Exposed to elevated tem oxidizing agents.Close to ignition.			
Materials to avoid	:	Do not store with explosive gases, oxidizing, corrosive generate spontaneous con	substances,		
Secure packaging	materials				
Recommended pa materials	ackaging :	Amber type glass. Metal packaging			
Packaging materia avoided	als 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.

Engineering control measures : 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

Code 10002967



Product name W-POXI 711 NOBAC SB WHITE WI N9,5 COMPONENT A Last revision: 06.09.2017 Page: 8 of 14

Limit (see section 9). Use equipment explosion proof.

Control parameters

Occupational Exposure Limits

Name	CAS No.	TLV/TWA	TLV/STEL	TLV/TETO	Source
EPOXI RESIN	25085-99-8				
SOLVENT ETHYL GLYCOL	110-80-5	5 ppm			ACGIH

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

**MG/m³ - 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).
Hand protection	:	Use nitrilic gloves associated with the use of the adequate protection cream
Eye protection	:	Use hermetic goggles to protect against liquid splashes.
Body and skin protection	:	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)	:	31 °C
Evaporation rate	:	Data not available.
Inflammation point	:	Method: Data not available.

PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG

Product name	W-POXI 711 NOBAC SB WHITE WI N9,5	Code	10002967	Ше
	COMPONENT A			
Last revision:	06.09.2017	Page: 9 (of 14	

Upper explosive limit	:	Data not available.
Lower explosive limit	:	Data not available.
Vapor pressure	:	Data not available.
Density	:	1,40 - 1,50 g/cm³
Solubility(ies)	:	Water-insoluble
N-octano /water partition coefficient	:	Data not available.
Auto flammability	:	Data not available.
Cinematic viscosity (25°C) Vapor density	:	110 - 130 UK Data not available.

10. STABILITY AND REACTIVITY

Reactivity :		Presents no reactivity at room temperature and under normal conditions 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 <u></u> decomposition	:	Produces noxious gases such as carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Product name W-POXI 711 NOBAC SB WHITE WI N9,5			Code 10002967
st revision:	COMPONENT # 06.09.2017	A	Page: 10 of 14
<u>Components</u> EPOXI RESIN			
Acute toxicity use	by oral :	Test species DL50 Observations	Rat 11.400 mg/kg
Acute toxicity inhalation	by :	Test species DL50 Observations	Rat Data not available.
Acute toxicity cutaneous us		Test species DL50 Observations	Rabbit 22.800 mg/kg
Acute toxicity methods of administration		Test species DL50 LC50 Non-standard unit value	Data not available.
Corrosion/irri skin	tation of :	Category 2	
Serious eye d irritation	amage/eye :	Category 2A	
Respiratory o sensitivity	r dermal :	Category 1	
Mutageneses	:	Data not available.	
Carcinogenici	ty :	Data not available.	
Toxic effects reproduction	for :	Data not available.	
Specific targe toxicity (STOT exposure		Data not available.	
Specific targe toxicity (STO exposure		Data not available.	
SOLVENT ETI	HYL GLYCOL		
Acute toxicity use	by oral :	Test species DL50 Observations	Rat 2.130 mg/kg
Acute toxicity inhalation	by :	Test species DL50 Observations	Data not available.
Acute toxicity cutaneous us	-	Test species DL50 Observations	Rabbit 3.300 mg/kg
Acute toxicity methods of administration		Test species DL50 LC50	Data not available.



			SAFETY DATA SHEET - M	SDS		
Product name W-POXI 711		. N(DBAC SB WHITE WI N9,5	Code	10002967	ш2ц
Last revision:	COMPONEN 06.09.2017	ΤA		Page: 11	of 14	
			Non-standard unit value			
Corrosion/irri skin	itation of	:	Data not available.			
Serious eye c irritation	lamage/eye	:	Data not available.			
Respiratory o sensitivity	or dermal	:	Data not available.			
Mutageneses	i	:	Data not available.			
Carcinogenic	ity	:	Data not available.			
Toxic effects reproduction		:	That is assumed that produ fitness or reproductive caps beings			١
Specific targe toxicity (STO exposure		:	Data not available.			
Specific targe toxicity (STO exposure		:	Data not available.			

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	: 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
	PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG Rua Dr. Ulisses Guimarães, 918 – 09372-050 – Mauá – SP – Fone: + 55 (11) 4541-6100

			1303		-
Product name	W-POXI 711 N	IOBAC SB WHITE WI N9,5	Code	10002967	ШВ
	COMPONENT	A			
Last revision:	06.09.2017		Page: 12	of 14	
		authorized for recycling in local regulations	accordance v	vith federal, stateor	
Used packaging	:	Clean packaging should be class I waste should be dis facility authorized for recy state or local regulations.	sposed of in	industrial landfill or a	a

14. TRANSPORTATION INFORMATION

Land		
ONU	:	1263
Class of risk	:	3
Risk number	:	30
Packaging group	:	III
Name		Tinta
Shipping		
ONU	:	1263
Class of risk	:	3
Packaging group	:	III
EmS		F-E
MFAG		310
Appropriate name for dispatch		Tinta
Air transport		
ONU	:	1263
Class of risk	:	3
Packaging group	:	
Appropriate name for dispatch		Tinta

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 Chemical Product.	Federal Decree No. 2657, July 3rd, 1998.
	Law No. 12305, August 2nd 2010 (Solid Waste National
	Policy).

		1505		
W-POXI 711	NOBAC SB WHITE WI N9,5	Code	10002967	
COMPONEN	ГА			
06.09.2017		Page: 13	6 of 14	
D	ecree No. 7404, December 2	3rd , 2010.		
		, 2011 - Chan	ges to Regulatory	
А	BNT NBR 14725: 2014.			
	W-POXI 711 COMPONENT 06.09.2017 D O S	Decree No. 7404, December 2	W-POXI 711 NOBAC SB WHITE WI N9,5CodeCOMPONENT A 06.09.2017Page: 13Decree No. 7404, December 23rd , 2010.Ordinance No. 229, May 24th, 2011 - Chan Standard No. 26.	W-POXI 711 NOBAC SB WHITE WI N9,5 Code 10002967 COMPONENT A 06.09.2017 Page: 13 of 14 Decree No. 7404, December 23rd , 2010. Ordinance No. 229, May 24th, 2011 - Changes to Regulatory Standard No. 26.

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
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

PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG

		505		and the second second	
Product name	W-POXI 711 NOBAC SB WHITE WI N9,5	Code	10002967	ШР	
	COMPONENT A				
Last revision:	06.09.2017	Page: 14 of 14			
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					
notice, due to the	e improvement and continuous evolution of th	ie product al			

knowledge.

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