		/D 32 3 BLUE 2.5PB 5/8	Code	15341787
	COMPONENT 17.02.2020	A	Page: 1 c	of 15
	1. PROD	UCT AND COMPANY IDEI	NTIFICATION	
Product name	:	WEGPOXI CVD 32 3 BL	UE 2.5PB 5/8 CON	/PONENT A
Code	:	15341787		
Main recommended	uses :	Coating for maintenand	ce sector	
Address	:	Rodovia BR 280 - km 50 CEP 89270-000, Guarar		
Telephone	:	+55 47 3276-4000		
Emergency telephon number	e :	0800 720 8000		
E-mail / site	:	tintas@weg.net www	v.weg.net	

2. HAZARD IDENTIFICATION

Mixture classification Flammable liquids	:	Category 3
Acute toxicity (Dermal)	:	Category 5
Skin Corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 2A
Skin sensitization	:	Category 1
Hazardous to the aquatic environment - Acute	:	Category 2
Hazardous to the aquatic environment - Cronic	:	Category 2
Classification according to NBR	14	725-2/2019

Labelling Elements

Product name	MATERIAL SAFETY DATA SHEE WEGPOXI CVD 32 3 BLUE 2.5PB 5/8	
	COMPONENT A 17.02.2020	Page: 2 of 15
Warning phrase	: Warning	
Hazard phrases	: H226 Flammable liqu H313 May be harmfu H315 Causes skin irri H319 Causes serious H317 May cause an a H401 Toxic to aquatio H411 Toxic to aquatio	Il in contact with skin. ritation. s eye irritation. allergic skin reaction.
Caution Phrases	: Prevention: P210 Keep away from and other ignition sou	m heat, hot surfaces, sparks, open flames urces. No smoking.
	P233 Keep container	r tightly closed.
	P240 Ground/bond co	container and receiving equipment.
		- ON SKIN (or hair): Take off immediately hing. Rinse skin with water/shower.
	P312 Call a POISON	I CENTER/ doctor/if you feel unwell.
	P333+P313 If ski medicaladvice/attenti	in irritation or a rash occurs: Get ion.
	P337+P313 If e advice/attention.	eye irritation persists get medical
	P362+P364 Take off reuse.	f contaminated clothing and wash it before
	P370+P378 In case extinguish.	e of fire: Use as chapter 5 of MSDS to
	P391 Collect spillage).
	Storage: P403+P235 Store in a	a well ventilated place. Keep cool.
	Treatmentand dispo P501 Dispose of c MSDS.	osal of waste: contents/container as chapter 13 of the
Other hazard		e its flash point, this material will release nes, and can burn in open area if exposed

	MATERIAL SAFETY DATA SHEET - I	MSDS		
Product name	WEGPOXI CVD 32 3 BLUE 2.5PB 5/8	Code	15341787	Ш
	COMPONENT A			
Last revision:	17.02.2020	Page: 3 c	of 15	

3. COMPOSITION AND INFORMATION ABOUT THE INGRENDIENTS

Product type: : Mixture

Ingrendients that contribute to danger:

Product name	CAS No.	Risck classification	Concentration [%]
EPOXI RESIN	25068-38-6	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	>= 20 - < 30
PHENOL METHYLSTYRENATED	68512-30-1	Skin Corrosion/irritation , Category 2 Skin sensitization , Category 1 Hazardous to the aquatic environment - Cronic , Category 3	>= 10 - < 20
SOLVENT XYLENE (S)	1330-20-7	Flammable liquids , Category 3 Acute toxicity Dermal, Category 4 Acute toxicity Inhalation, Category 4 Skin Corrosion/irritation , Category 2	>= 10 - < 20

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

Product name	WEGPOXI CV COMPONENT	D 32 3 BLUE 2.5PB 5/8 A	Code	15341787
Last revision:	17.02.2020		Page: 4 of	15
		respiration. Do not give assistance immediately, brir possible.	, ,	5
Contact with the	skin :	Remove the product with v wash the skin thoroughly v solvents or thinners. Seek irritation or other symptoms.	vith plenty of	water. Do not use
Contact with the	eyes :	Remove contact lenses, if w running water for at least apart. Seek medical assis product label with you.	15 minutes,	holding the eyelids
Ingestion	:	Do not provoke vomiting. Co	nsult with a do	octor immediately.
Most important s and effects, both delayed		Headaches, dizziness, fatigi consciousness.	ue and in ext	reme cases, loss of
Notes for the doc	tor :	Treat symptomatically. Do not of aspiration of gastric conten- is recommended when the more than 5ml of the subst- potential of the quantity c relation to the risk of as Activated coal in solution co- cases the coal induces vomit	ents into the lupatient inges tance in its p onsumed mu spiration durio	ungs. Gastric lavage sts large quantities, oure form. The toxic ist be evaluated in ing 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

	MATERIA	AL SAFETY DATA SHEET - MSD	S		
Product name	WEGPOXI CV	D 32 3 BLUE 2.5PB 5/8	Code	15341787	ШЕ
Last revision:	COMPONENT 17.02.2020	A	Page: 5 c	of 15	
		protection clothes.			
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 dista the fire are water in fo Avoid that s or water	nce. Remove the ea if this can be made orm of fog all the t the resulting water ways. 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

Prevent the product of the water used in the service reaches waterways, channels, drains, or galleries. In case of significant spill, retain spi led liquid with inert material such as sand or earth. In approprieate, use absorbent materials such as 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. Confine the spill in a dike away from the leak point for later disposal. Remove local packaging from the spills site. Preferably use anti sparkling tools to collect the product. All equipment used when handling the product must be electrically grounded. Soak up with an inert dry material

	MATERI	AL SAFETY DATA SHEET -	MSDS		
Product name	WEGPOXI CV	/D 32 3 BLUE 2.5PB 5/8	Code	15341787	Ш 2
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Last revision:	17.02.2020		Page: 6 c	of 15	-
		(sand, vermiculite) placing later disposal - see chapte		suitable container f	or
Small spills / leal	(s :	Stop the leak if this can be tarp to prevent the spread tools and explosion-proof collect the product. Place and properly identified cor so removing them from the Remove the packaging fro disposal need refer to cha	by wind or rain equipment prop the material col ntainers. Cap th e spill site. Avoi om the spill site.	 Use antifaiscantes berly grounded to lected in dry, clean le container loosene d formation of dust. 	; ed
		Contain and collect the ma materials and non-combus vermiculite, calcined diato accordance with local regu	stible, such as s mite, etc. in a w	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 installation. 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

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	MATERI	AL SAFETY DATA SHEET - I	MSDS		
Product name	WEGPOXI CV	/D 32 3 BLUE 2.5PB 5/8	Code	15341787	Ш
	COMPONENT	ГА			
Last revision:	17.02.2020		Page: 7 c	of 15	
		of vapors in explosive con of the system, in contact v grounded Keep away from that do not produce sparks	vith the produc n heat and sou	t, must be electrically irces of ignition.Tools	,
Storage condition	IS				
Substances to be	avoid :	Keep away from oxidising strong alkaline solutions.	g agents, stror	ng acid solutions and	
Storage conditio	ns :	The electrical installation Electrical Code) or IEC (I standards and/or those of Technical Standards). The impermeable, non-combu allow run off into the con must be surrounded by em of leakage.	nternational E the ABNT (Br floor of the s stible and mu ntainment rese	ectrical Commission) azilian Association of storage area must be st have ditches that ervoir. Storage tanks	
Appropriate stora conditions	age :	Store the material in c identified areasKeep out container.			
Inappropriate sto conditions	orage :	Exposed to elevated ten oxidizing agents.Close to ignition.			
Materials to avoid	d :	Do not store with explosive gases, oxidizing, corrosive generate spontaneous con	e substances,		
Secure packaging	g 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.

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

WEGPOXI CVD 32 3 BLUE 2.5PB 5/8 Code 15341787

COMPONENT A Last revision: 17.02.2020

Page: 8 of 15

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

Control parameters

Product name

Occupational Exposure Limits

Name	CAS No.	TLV/TWA	TLV/STEL	TLV/TETO	Source
EPOXI RESIN	25068-38-6				
PHENOL METHYLSTYRENATED	68512-30-1				ACGIH
SOLVENT XYLENE (S)	1330-20-7	78 ppm340 mg/m ³ 100 ppm	150 ppm		NR15ACGIH

*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	:	Blue
Odour	:	Distinctive
Odour limit	:	Not applicable
рН	:	Not applicable
Melting point	:	Data not available.
Boiling point	:	Data not available.
Flash Point (Open cup)	:	28 °C

PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG

	MATERIA	AL SAFETY DATA SHEET - MSI	DS		
Product name	WEGPOXI CV	D 32 3 BLUE 2.5PB 5/8	Code	15341787	шео
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Last revision: 1	7.02.2020		Page: 9 c	of 15	
Evaporation rate	:	Data not available.			
Inflammation point	:	Method: Data not available.			
Upper explosive lin	nit :	Data not available.			
Lower explosive lin	nit :	Data not available.			
Vapor pressure	:	Data not available.			
Density	:	1,40 - 1,60 g/cm³			
Solubility(ies)	:	Water-insoluble			
N-octano /water pa coefficient	rtition :	Data not available.			
Auto flammability	:	Data not available.			
Cinematic viscosity	y (25°C) :	130 - 140 UK (A+B)			
Vapor density	:	Data not available.			
Decomposition terr	perature :				

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 the composition	Produces noxious gases such as carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx).

Product name

Last revision:

15341787

Page: 10 of 15

Code

11. TOXICOLOGICAL INFORMATION

<u>Components</u> EPOXI RESIN		
Acute toxicity by oral use	: Test species DL50 Observations	Rat 11.400 mg/kg
Acute toxicity by inhalation	: Test species DL50 Observations	Rat Data not available.
Acute toxicity by cutaneous use	: Test species DL50 Observations	Rabbit 22.800 mg/kg
Acute toxicity (other methods of administration)	: Test species DL50 LC50 Non-standard unit value	Data not available.
Corrosion/irritation of skin	: Category 2	
Serious eye damage/eye irritation	: Category 2A	
Respiratory or dermal sensitivity	: Category 1	
Mutageneses	: Data not available.	
Carcinogenicity	: Data not available.	
Toxic effects for reproduction	: Data not available.	
Specific target organ toxicity (STOT) - single exposure	: Data not available.	
Specific target organ toxicity (STOT) - repeat exposure	: Data not available.	
Aspiration hazard	: Data not available.	
PHENOL METHYLSTYREN	IATED	
Acute toxicity by oral use	: Test species DL50 Observations	> 2.000 mg/kg
Acute toxicity by inhalation	: Test species DL50	5 mg/l4 h

	MATERI	AL	SAFETY DATA SHEET - MS	DS	
Product name			32 3 BLUE 2.5PB 5/8	Code	15341787
ast revision:	COMPONENT 17.02.2020	Ā		Page: 11	of 15
	17.02.2020		Observations	1 uge: 11	0110
Acute toxicit cutaneous us		:	Test species DL50 Observations	> 2.000) mg/kg
Acute toxicit methods of administratic		:	Test species DL50 LC50 Non-standard unit value	Data ne	ot available.
Corrosion/irr skin	itation of	:	Data not available.		
Serious eye o irritation	damage/eye	:	Data not available.		
Respiratory o sensitivity	or dermal	:	Data not available.		
Mutageneses	5	:	Data not available.		
Carcinogenic	city	:	Data not available.		
Toxic effects reproduction		:	Data not available.		
Specific targ toxicity (STO exposure		:	Data not available.		
Specific targ toxicity (STO exposure		:	Data not available.		
Aspiration haz	zard	:	Data not available.		
SOLVENT XY	LENE (S)				
Acute toxicit use	y by oral	:	Test species DL50 Observations	Rat 4.300 n	ng/kg
Acute toxicit	y by	:	Test species DL50 Observations	Rat 21,7 m	g/l4 h
Acute toxicit cutaneous us		:	Test species DL50 Observations) mg/kg ot available.
Acute toxicit methods of administratic		:	Test species DL50 LC50 Non-standard unit value	Data ne	ot available.
Corrosion/irr skin	itation of	:	Category 2		

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Product name WEGPOXI 0		VD	32 3 BLUE 2.5PB 5/8	Code	15341787	Ш 2
Last revision:	COMPONEN 17.02.2020	IT A		Page: 12	e of 15	
Serious eye d	amage/eye	:	Data not available.			
Respiratory of sensitivity	r dermal	:	Category 1			
Mutageneses		:	Data not available.			
Carcinogenici	ty	:	Data not available.			
Toxic effects f	for	:	Category 1C			
Specific targe toxicity (STOT exposure		:	Data not available.			
Specific targe toxicity (STOT exposure	-	:	Data not available.			
Aspiration haza	ard	:	Data not 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 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,

WEGPOXI CVD 32 3 BLUE 2.5PB 5/8

COMPONENT A

17.02.2020

Code 15341787



Last revision:

Product name

Page: 13 of 15

state or local regulations.

14. TRANSPORTATION INFORMATION

fLand ONU	: 1263
Class of risk	: 3
Risk number	: 30
Packaging group	: 111
Name	Paint (including coats, lacquers, enamels, colorant, gum- lacquers, varnishes, polishes, liquid fillers and liquid lacquers)

: 1263
: 3
: 111
F-E
310
Paint (including coats, lacquers, enamels, colorant, gum- lacquers, varnishes, polishes, liquid fillers and liquid lacquers)
: 1263
: 3
: 111
Paint (including coats, lacquers, enamels, colorant, gum- lacquers, varnishes, polishes, liquid fillers and liquid lacquers)

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).

	Federal Decree No. 2657, July 3rd , 1998.
Chemical Product.	Ordinance No. 229, May 24th, 2011 - Changes to Regulatory Standard No. 26.

			111303		
Product name	WEGPOXI	CVD 32 3 BLUE 2.5PB 5/8	Code	15341787	ш
	COMPONE	NTA			
Last revision:	17.02.2020)	Page: 14	of 15	
		ABNT NBR 14725: 2014 - va	lid from 19/12/2	2014 -	
		Amendment 1 (19/11/2014).			
		Law No. 12305, August 2nd 2 Policy).	2010 (Solid Wa	ste National	
		Decree No. 7404, December	23rd , 2010.		
		Resolution ANTT N° 5.232, D	ecember 14th	2016.	

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

PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG

MATERIAL SAFETY DATA SHEET - MSDS					
Product name	WEGPOXI CVD 32 3 BLUE 2.5PB 5/8	Code	15341787		
	COMPONENT A				
Last revision:	17.02.2020	Page: 15 of 15			

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.

References

: Data not available.

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