		30 1 GRAY RAL 7031	Code	15346259	
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	1. PROD	JCT AND COMPANY IDENT	TIFICATION		
Product name	:	W-POXI HBA 30 1 GRAY	RAL 7031 COM	PONENT A	
Code	:	15346259			
Main recommended	uses :	Coating for maintenance	sector		
Address	:	Rodovia BR 280 - km 50 CEP 89270-000, Guarami	irim - SC		
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 4
Acute toxicity (Ingestion)	:	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

	MATERIAL SAFETY DATA SHEE -POXI HBA 30 1 GRAY RAL 7031	Code	15346259	Шер
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				_
Warning phrase	: Warning			
Hazard phrases	: H227 Combustible lic H303 May be harmfu H315 Causes skin irr H319 Causes serious H317 May cause an a H401 Toxic to aquatio H411 Toxic to aquatio	l if swallowed. itation. s eye irritation. allergic skin reactio c life.		
Caution Phrases	: Prevention: P210 Keep away from and other ignition sou			ames
	P261 Avoid breathing	g dust/ fume/ gas/ r	mist/ vapours/ spray	/.
	P264 Wash thorough	ly after handling.		
	P272 Contaminated the workplace.	work clothing shou	uld not be allowedd	out of
	P273 Avoid release to	o the environment.		
	Reaction: P302+P352 IF ON SI	KIN: Wash with ple	enty of water.	
	P312 Call a POISON	CENTER/ doctor/i	f you feel unwell.	
	P333+P313 If ski medicaladvice/attenti		a rash occurs:	Get
	P337+P313 If e advice/attention.	ye irritation p	ersists get me	edical
	P362+P364 Take off reuse.	contaminated clot	hing and wash it b	efore
	P370+P378 In case extinguish.	of fire: Use as	chapter 5 of MSD	OS to
	P391 Collect spillage			
	Storage: P403+P235 Store in a	a well ventilated pl	ace. Keep cool.	
	Treatmentand dispo P501 Dispose of c MSDS.		as chapter 13 o	f the

Product name	MATERIAL SAFETY DATA W-POXI HBA 30 1 GRAY RAL 7 COMPONENT A		15346259	Шег
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Other hazard		above its flash point, th nd flames, and can burn i purce.		

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	>= 50 - < 70
BENZYL ALCOHOL	100-51-6	Acute toxicity - Inhalation Inhalation, Category 4 Acute toxicity Ingestion, Category 4 Serious eye damage/eye irritation, Category 2A	>= 5 - < 10

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.

		• • • • •		505		and the second second
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Contact with the	eyes	:	Remove contact lenses, if y running water for at least apart. Seek medical assis product label with you.	15 minutes	holding the eyelids	;
Ingestion		:	Do not provoke vomiting. Co	onsult with a	doctor immediately.	
Most important s and effects, both delayed		:	Headaches, dizziness, fatig consciousness.	ue and in e	treme cases, loss of	:
Notes for the do	ctor	:	Treat symptomatically. Do not of aspiration of gastric content is recommended when the more than 5ml of the subse- potential of the quantity of relation to the risk of a Activated coal in solution co- cases the coal induces vomi	ents into the patient ing tance in its consumed m spiration du puld be usef	lungs. Gastric lavage ests large quantities, pure form. The toxic ust be evaluated in ring 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.
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 contain this water and el			
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	COMPONEN	ГА			
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6. SPILL / LEAK CONTROL PROCEDURES

Personal precautions, protective equipment and emergency procedures

regulations.

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 rags, vermiculites, etc.
Methods and materials for con	Ita	inment and cleaning
Large spills / leaks	:	Understand the dangers of leaked/spilled products.

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 (sand, vermiculite) placing the same in a suitable container for later disposal - see chapter 13.

Small spills / leaks: Stop the leak if this can be done safely.Cover up spillage in a
tarp to prevent the spread by wind or rain. Use antifaiscantes
tools and explosion-proof equipment properly grounded to
collect the product. Place the material collected in dry, clean
and properly identified containers. Cap the container loosened

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Last revision: 19.02.2020 so Re	removing them from the spill	Dago: 6 of 2	
Re	removing them from the spill	rage. 0 01.	14
	emove the packaging from the sposal need refer to chapter 1	spill site. If	
ma ve	ontain and collect the material aterials and non-combustible, ermiculite, calcined diatomite, cordance with local regulation	such as sai etc. in a was	nd, earth,
7. H	IANDLING AND STORAGE		
Precautions for safe handling			
treatment ey	se individual protective equipr /e wash basins must be inst orage.		
handling 8; na ve Int Sta tak for Us op mu ac su Do sm Ea ma wa Re be ori ha the ins Do	se appropriate personal protect The product handling should atural ventilation or with the pro- entilation; The electrical installa- ternational Electrical Commiss andards (Brazilian Association king into account the results of r the local and/or product insta- se anti-sparking tools when ha- berations, metal containers mu- ust be properly grounded to an cumulation of static energy; H urfaces, sparks, open flames, a ponot smoke;Do not ingest. Av- noke as well as avoid contact ating and drinking should be p aterial is handled, stored and ash their hands before eating, emove contaminated clothing fore entering food areas; After iginal packaging, sealed; Emp azardous and should be dispose e packaging;Emergency show stalled in the use and storage o not handle the product until safety precautions contained	occur in pla esence of lo ations must sion Standa n of Technic f the classif alation. undling the p ust be used void sparklin landle and u and other so oid inhalatio with eyes, s rohibited in processed. drinking an and protect r use keep ty containe sed of prope rers and eye places. you have re	ces with good bcal exhaust comply with the rds (IEC), ABNT cal Standards), ication area study broduct; In transfer and all containers ng by the use away from hot burces of ignition. on of vapors or skin and clothing; the area where the Workers should d smoking. ive equipment the product in its rs may be erly. Do not reuse e washer should be
of gro	nly use in well-ventilated loca vapors in explosive concentr the system, in contact with th ounded Keep away from hea at do not produce sparks shou	ations.All co le product, t and sourc	onductive elements must be electrically ses of ignition.Tools
Storage conditions			
-	eep away from oxidising age	nts, strong	acid solutions and

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			strong alkaline solutions.			
Storage conditio	ons	:	The electrical installation Electrical Code) or IEC (In standards and/or those of Technical Standards). The impermeable, non-combus allow run off into the com must be surrounded by em of leakage.	ternational E the ABNT (Br floor of the s stible and mu tainment rese	lectrical Commission) razilian Association of storage area must be ust have ditches that ervoir. Storage tanks	
Appropriate stor conditions	age	:	Store the material in co identified areasKeep out c container.			
Inappropriate sto conditions	orage	:	Exposed to elevated tem oxidizing agents.Close to tignition.			
Materials to avoi	id	:	Do not store with explosiv gases, oxidizing, corrosive generate spontaneous com	substances,		
Secure packaging	g materials					
Recommended p materials	backaging	:	Amber type glass. Metal packaging			
Packaging mater avoided	rials 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 postion under the limits of telepage (L.T.)
	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
EPOXI RESIN	25068-38-6				
BENZYL ALCOHOL	100-51-6				

*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

r oroonar protootivo oquipin		oquirou
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).
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	:	Gray
Odour	:	Distinctive
Odour limit	:	Not applicable
рН	:	Not applicable
Melting point	:	Data not available.
Boiling point	:	Data not available.
Flash Point (Open cup)	:	93 °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	:	> 1,60 g/cm ³
Solubility(ies)	:	Water-insoluble

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N-octano /water coefficient	partition	:	Data not available.			
Auto flammabili	ty	:	Data not available.			
Cinematic visco	sity (25°C)	:	Data not available.			
Vapor density		:	Data not available.			
Decomposition	temperature	:				

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

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	: Test species	Rat

oduct name		1 GRAY RAL 7031	Code	15346259
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inhalation		DL50 Observations	Data not	available.
Acute toxicity cutaneous use	•	Test species DL50 Observations	Rabbit 22.800 n	ng/kg
Acute toxicity methods of administration		Test species DL50 LC50 Non-standard unit value	Data not	available.
Corrosion/irrita skin	ation of :	Category 2		
Serious eye da irritation	amage/eye :	Category 2A		
Respiratory or sensitivity	dermal :	Category 1		
Mutageneses	:	Data not available.		
Carcinogenicit	t y :	Data not available.		
Toxic effects for reproduction	or :	Data not available.		
Specific target toxicity (STOT exposure		Data not available.		
Specific target toxicity (STOT exposure		Data not available.		
Aspiration haza	rd :	Data not available.		
BENZYL ALCO	HOL			
Acute toxicity use	by oral :	Test species DL50 Observations	Rat 1.230 mg	g/kg
Acute toxicity inhalation	by :	Test species DL50 Observations	Rat 1.000 mg	g/I
Acute toxicity cutaneous use	-	Test species DL50 Observations	Rabbit 1.700 mg	g/kg
Acute toxicity methods of administration	-	Test species DL50 LC50 Non-standard unit value	Data not	available.
Corrosion/irrita skin	ation of :	Data not available.		

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Serious eye da irritation	amage/eye	:	Category 2A			_
Respiratory or sensitivity	r dermal	:	Data not available.			
Mutageneses		:	Data not available.			
Carcinogenici	ty	:	Data not available.			
Toxic effects f reproduction	or	:	Data not available.			
Specific target toxicity (STOT exposure		:	Data not available.			
Specific target 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,

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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)

Ship	ping

	ONU	:	1263
	Class of risk	:	3
	Packaging group	:	III
	EmS		F-E
	MFAG		310
	Appropriate name for dispatch		Paint (including coats, lacquers, enamels, colorant, gum- lacquers, varnishes, polishes, liquid fillers and liquid lacquers)
Air	transport ONU		1263
Air	transport ONU Class of risk	-	1263 3
Air	ONU	:	
Air	ONU Class of risk	:	3

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.

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	/	ABNT NBR 14725: 2014 - va	lid from 19/12/2	014 -	
	1	Amendment 1 (19/11/2014).			
		.aw No. 12305, August 2nd 2 Policy).	2010 (Solid Was	ste National	
	[Decree No. 7404, December	23rd , 2010.		
	F	Resolution ANTT N° 5.232, D	December 14th 2	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

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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