		2628 R T GRAY RAL 7021	Code	11527442	
	COMPONENT 11.10.2019	A	Page: 1 o	Page: 1 of 14	
	1. PROD	JCT AND COMPANY IDENT	FICATION		
Product name	:	LACKPOXI N 2628 R T GR	AY RAL 7021 CC	MPONENT A	
Code	:	11527442			
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 telephon number	e :	0800 720 8000			
E-mail / site	:	tintas@weg.net www.w	veg.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 NBF	R 14	725-2/2019

Labelling Elements

Product name	LACKPOXI N 26	L SAFETY DATA SHEET - N 528 R T GRAY RAL 7021	Code	11527442	ШE
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			Ł		_
Warning phrase	:	Danger			
Hazard phrases	:	H226 Flammable liquid and H315 Causes skin irritation H319 Causes serious eye H317 May cause an allergi H360 May damage fertility H401 Toxic to aquatic life. H411 Toxic to aquatic life.	irritation. c skin reactio or the unborr	n child.	
Caution Phrases	:	Prevention: P201 Obtain special instru-	ctions before	use.	
		P202 Do not handle until a and understood.	III safety prec	autions have been	read
		P210 Keep away from hea and other ignition sources.		es, sparks, open fl	ames
		P261 Avoid breathing dust	/ fume/ gas/ n	nist/ vapours/ sprag	y.
		P273 Avoid release to the	environment.		
		P280 Wear protective protection/ face protection.		otective clothing/	eye
		Reaction: P303+P361+P353 IF ON all contaminated clothing. I			iately
		P308+P313 IF exposed or	concerned: C	all a doctor.	
		P333+P313 If skin irr medicaladvice/attention.	itation or	a rash occurs:	Get
		P337+P313 If eye advice/attention.	irritation p	ersists get me	edical
		P362+P364 Take off contareuse.	aminated clot	hing and wash it b	efore
		P370+P378 In case of fi extinguish.	re: Use as o	chapter 5 of MSE	DS to
		P391 Collect spillage.			
		Storage: P403+P235 Store in a well	ventilated pla	ace. Keep cool.	

	MATERIA	L SAFETY DATA SHEET - M	SDS		
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	COMPONENT	A			
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Other hazard	:	Treatmentand disposal of P501 Dispose of content MSDS. When heated above its fla toxic vapors and flames, ar to an ignition source.	s/container ash point, th	is material will re	elease

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	>= 20 - < 30
		, Category 2 Skin sensitization , Category 1 Hazardous to the aquatic environment - Cronic , Category 2 Hazardous to the aquatic environment - Acute , Category 2	
N-METHYLPYRROLIDONE SOLVENT (N)	872-50-4	Skin Corrosion/irritation , Category 2 Serious eye damage/eye irritation , Category 2 Specific target organ toxicity - Single exposure , Category 3 Reproductive toxicity , Category 1B	>= 0,1 - < 1

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

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Last revision:	11.10.2019		Page: 4 of	14	
		respiration. Do not give a assistance immediately, bring possible.			
Contact with the	skin :	Remove the product with ve wash the skin thoroughly wi solvents or thinners. Seek n irritation or other symptoms.	th plenty of	water. Do not use	
Contact with the	eyes :	Remove contact lenses, if w running water for at least 1 apart. Seek medical assista product label with you.	5 minutes,	holding the eyelids	
Ingestion	:	Do not provoke vomiting. Con	sult with a do	octor immediately.	
Most important s and effects, both delayed		Headaches, dizziness, fatigue consciousness.	e and in ext	reme cases, loss of	
Notes for the doc	tor :	Treat symptomatically. Do not of aspiration of gastric conter is recommended when the more than 5ml of the substa potential of the quantity co relation to the risk of as Activated coal in solution cou cases the coal induces vomiti	nts into the lupatient inges ance in its p nsumed mu piration duri uld be useful	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	:	The personnel involved in firefighting should wear self

fire fighting team.

contained breathing apparatus with positive pressure and full

	MATERIA	AL SAFETY DATA SHEET - MSD	S		
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		protection clothes.	1 450. 0		
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 he fire are water in for 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 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,

Methods and materials for containment and cleaning

etc.

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

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	COMPONENT	Ā			
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		sparkling tools and explo- product. All equipment us be electrically grounded. (sand, vermiculite) placing later disposal - see chapte	ed when handl Soak up with a the same in a	ing the product must an inert dry materia	t I
Small spills / leal	(S :	Stop the leak if this can be tarp to prevent the spread tools and explosion-proof e collect the product. Place t and properly identified con so removing them from the Remove the packaging fro disposal need refer to chap	by wind or rain equipment prop he material coll tainers. Cap the spill site. Avoid m the spill site.	Use antifaiscantes erly grounded to lected in dry, clean e container loosened d formation of dust.	
		Contain and collect the ma materials and non-combus vermiculite, calcined diator accordance with local regu	tible, such as s nite, etc. in a w	and, 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

MATERIAL SAFETY DATA SHEET - MSDS						
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		all safety precautions conta	ained in this do	cument.		
Fire protection	:	Only use in well-ventilated of vapors in explosive con- of the system, in contact w grounded Keep away from that do not produce sparks	centrations.All rith the produc heat and sou	conductive elements t, must be electrically irces of ignition.Tools	6 /	
Storage conditions	5					
Substances to be a	void :	Keep away from oxidising strong alkaline solutions.	agents, stron	g acid solutions and	I	
Storage condition	s :	The electrical installation Electrical Code) or IEC (Ir standards and/or those of Technical Standards). The impermeable, non-combus allow run off into the cor 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 of storage area must be st have ditches that ervoir. Storage tanks) f e t S	
Appropriate storage conditions	ge :	Store the material in consider the material in consider the second container.				
Inappropriate stor conditions	age :	Exposed to elevated tem oxidizing agents.Close to ignition.				
Materials to avoid	:	Do not store with explosiv gases, oxidizing, corrosive generate spontaneous com	substances, o			
Secure packaging	materials					
Recommended pa materials	ckaging :	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.),

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		otherwise, use adequate	respiratory prot	ection equipment.	-	
		The engineering controls	should keep th	e 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				
N-	872-50-4				
METHYLPYRROLIDON					
E SOLVENT (N)					

*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).
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)	:	28 °C
Evaporation rate	:	Data not available.

	IVIATERI	AL SAFE	IY DATA SHEE	I - IVISD	5	
Product name LACKPOXI N		2628 R T	2628 R T GRAY RAL 7021		Code	11527442
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Inflammation poin	t :	Metho	d: Data not ava	ilable.		
Upper explosive li	mit :					
		Data n	ot available.			
Lower explosive li	mit :					
		Data n	ot available.			
Vapor pressure	:	Data n	ot available.			
Density	:	1,49 -	1,59 g/cm³			
Solubility(ies)	:	Water	-insoluble			
N-octano /water pa coefficient	artition :	Data n	ot available.			
Auto flammability	:	Data I	not available.			
0:	(05°O)	0 444				
Cinematic viscosit	iy (25°C) :	0 - 110) UK (A+B)			
Vapor density	:	Data ı	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 the composition	Produces noxious gases such as carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx).

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Product name

11. TOXICOLOGICAL INFORMATION

Components 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.	
N-METHYLPYRROLIDONE	S	OLVENT (N)	
Acute toxicity by oral use	:	Test species DL50 Observations	Rat 4.150 mg/kg
Acute toxicity by inhalation	:	Test species DL50	Rat 5,1 mg/l

 PAUMAR S.A. INDÚSTRIA E COMÉRCIO – GRUPO WEG

 Rua Dr. Ulisses Guimarães, 918 – 09372-050 – Mauá – SP – Fone: + 55 (11) 4547-6100

 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

Observations

Product name			28 R T GRAY RAL 7021	Code	11527442
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Acute toxicity cutaneous us		:	Test species DL50 Observations	Rabbit 5.000 m	g/kg
Acute toxicity methods of administratio	-	:	Test species DL50 LC50 Non-standard unit value	Data no	t available.
Corrosion/irri skin	tation of	:	Category 2		
Serious eye d irritation	lamage/eye	:	Category 2A		
Respiratory o sensitivity	r dermal	:	Data not available.		
Mutageneses		:	Data not available.		
Carcinogenic	ity	:	Data not available.		
Toxic effects reproduction	for	:	That is assumed that produce fitness or reproductive capaci beings		
Specific targe toxicity (STO exposure		:	Passengers effects on organ alter human function for a sho		
Specific targe toxicity (STO exposure		:	Data not available.		
Aspiration haz	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

	IVIATENIA	AL SAFETT DATA SHEET - IV	1303	
Product name	LACKPOXI N 2	2628 R T GRAY RAL 7021	Code	11527442
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Product	:	Class I Waste - Dispose c authorized for recycling in local regulations		
Waste	:	Class I Waste - Dispose c authorized for recycling in local regulations		
Used packaging	:	Clean packaging should be class I waste should be di- facility authorized for recy state or local regulations.	sposed of in	industrial landfill or a

14. TRANSPORTATION INFORMATION

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

Shipping ONU	: 1263
Class of risk	: 3
Packaging group	: 111
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
Class of risk	: 3
Packaging group	: 111
Appropriate name for dispatch	Paint (including coats, lacquers, enamels, colorant, gum- lacquers, varnishes, polishes, liquid fillers and liquid lacquers)

Code 11527442

ШEL

Product nameLACKPOXI N 2628 R T GRAY RAL 7021Code11COMPONENT ALast revision:11.10.2019Page: 13 of 14

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.	
	Ordinance No. 229, May 24th, 2011 - Changes to Regulatory Standard No. 26.	
	ABNT NBR 14725: 2014 - valid from 19/12/2014 -	
	Amendment 1 (19/11/2014).	
	Law No. 12305, August 2nd 2010 (Solid Waste National Policy).	
	Decree No. 7404, December 23rd , 2010.	
	Resolution ANTT N° 5.232, December 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

		141303		
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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.

References

: Data not available.

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