	LACKPOXI N	2628 R T GRAY 1RAL 7006	Code	15347495
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	1. PROD	UCT AND COMPANY IDENTIF	CATION	
Product name	:	LACKPOXI N 2628 R T GRAY	′ 1RAL 7006 C	OMPONENT A
Code	:	15347495		
Main recommended	uses :	Coating for maintenance se	ctor	
Address	:	Rodovia BR 280 - km 50 CEP 89270-000, Guaramirin	n - SC	
Tala da sa				
Telephone	:	+55 47 3276-4000		
Emergency telephon number	ie :	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	725-2/2019

Labelling Elements

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			¥2		_
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 or the unborn	n child.	
Caution Phrases	:	Prevention: P201 Obtain special instruc	tions before	use.	
		P202 Do not handle until al and understood.	l safety prec	autions have been	read
		P210 Keep away from heat and other ignition sources. I		es, sparks, open fl	ames
		P261 Avoid breathing dust/	fume/ gas/ n	nist/ vapours/ spra	у.
		P273 Avoid release to the e	nvironment.		
		P280 Wear protective protection/ face protection.	gloves/ pro	otective clothing/	eye
		Reaction: P303+P361+P353 IF ON S all contaminated clothing. R			liately
		P308+P313 IF exposed or o	concerned: C	all a doctor.	
		P333+P313 If skin irrit medicaladvice/attention.	ation or a	a rash occurs:	Get
		P337+P313 If eye i advice/attention.	rritation pe	ersists get me	edical
		P362+P364 Take off conta reuse.	minated clot	hing and wash it b	efore
		P370+P378 In case of fir extinguish.	e: Use as o	chapter 5 of MSI	DS to
		P391 Collect spillage.			
		Storage: P403+P235 Store in a well	ventilated pla	ace. Keep cool.	

	MATERIA	L SAFETY DATA SHEET - MS	SDS		
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Other hazard	:	Treatmentand disposal of P501 Dispose of contents MSDS. When heated above its fla toxic vapors and flames, an to an ignition source.	s/container ash point, th	nis 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 , Category 2 Skin sensitization , Category 1 Hazardous to the	>= 30 - < 50
		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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		respiration. Do not give a assistance immediately, bring possible.			
Contact with the s	skin :	Remove the product with ve wash the skin thoroughly wi solvents or thinners. Seek m irritation or other symptoms.	th plenty of	water. Do not use	
Contact with the	eyes :	Remove contact lenses, if we 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 sy and effects, both delayed		Headaches, dizziness, fatigue consciousness.	e and in extr	eme 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 substa potential of the quantity co relation to the risk of asp Activated coal in solution cou cases the coal induces vomitin	nts into the lupatient inges ance in its prinsumed mu piration duri uld be useful	ings. Gastric lavage sts large quantities, ure form. The toxic st be evaluated in ng 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

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		protection clothes.			
Specific methods	:	Evacuate and isolate the area. your back. Fight the fire to a set 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 f Avoid tha or water	ance. Remove the ea if this can be made form of fog all the at 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

MATERIAL SAFETY DATA SHEET - MSDS LACKPOXI N 2628 R T GRAY 1RAL 7006 Code Product name 15347495 COMPONENT A Last revision: 20.02.2020 Page: 6 of 14 (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 so removing them from the spill site. Avoid formation of dust. Remove the packaging from the spill site. If there is product disposal need refer to chapter 13 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.

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

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		of vapors in explosive of the system, in con- grounded Keep away that do not produce s	tact with the produce of the transform the target of the transform the target and source of the target of targ	t, must be electrical urces of ignition.Too	ly
Storage conditions	6				
Substances to be a	avoid :	Keep away from oxid strong alkaline solution		ng acid solutions an	ıd
Storage condition	IS :	The electrical install Electrical Code) or II standards and/or tho Technical Standards) impermeable, non-co allow run off into th must be surrounded to of leakage.	EC (International E se of the ABNT (B b. The floor of the sombustible and mu e containment res	lectrical Commission azilian Association of storage area must b ist have ditches that ervoir. Storage tank	n) of oe at ks
Appropriate stora conditions	ge :	Store the material identified areasKeep container.			
Inappropriate stor conditions	rage :	Exposed to elevated oxidizing agents.Clos ignition.			
Materials to avoid	:	Do not store with ex gases, oxidizing, corr generate spontaneou	osive substances,		
Secure packaging	materials				
Recommended pa materials	ackaging :	Amber type glass. Metal packaging			
Packaging materia	als to be :	Certain plastic materi	als		

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

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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.
Inflammation point	:	Method: Data not available.

	IVIATER	IA	L SAFETY DATA SHEET - MS	502		
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Upper explosive lir	nit	:				_
			Data not available.			
Lower explosive lin	mit	:				
-			Data not available.			
Vapor pressure		:	Data not available.			
Density		:	1,49 - 1,59 g/cm³			
-						
Solubility(ies)		:	Water-insoluble			
N-octano /water pa	rtition	:	Data not available.			
coefficient						
Auto flammability		:	Data not available.			
Cinematic viscosit	y (25°C)	:	0 - 110 UK (A+B)			
Vapor density	-		Data not available.			
vapor density		•				
Decomposition ten	nperature	:				

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).

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11. TOXICOLOGICAL INFORMATION

Components EPOXI RESIN

Acute toxicity by oral use	Test sp DL50 Observ		Rat 11.400 mg/kg
Acute toxicity by inhalation	Test sp DL50 Observ		Rat Data not available.
Acute toxicity by cutaneous use	Test sp DL50 Observ		Rabbit 22.800 mg/kg
Acute toxicity (other methods of administration)	Test sp DL50 LC50 Non-st	becies andard unit value	Data not available.
Corrosion/irritation of skin	Catego	ory 2	
Serious eye damage/eye irritation	Catego	pry 2A	
Respiratory or dermal sensitivity	Catego	pry 1	
Mutageneses	Data n	ot available.	
Carcinogenicity	Data n	ot available.	
Toxic effects for reproduction	Data n	ot available.	
Specific target organ toxicity (STOT) - single exposure	Data n	ot available.	
Specific target organ toxicity (STOT) - repeat exposure	Data n	ot available.	
Aspiration hazard	Data n	ot available.	
N-METHYLPYRROLIDONE	OLVENT	- (N)	
Acute toxicity by oral use	Test sp DL50 Observ		Rat 4.150 mg/kg
Acute toxicity by inhalation	Test sp DL50		Rat 5,1 mg/l

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Observations

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Acute toxicity cutaneous us		:	Test species DL50 Observations	Rabbit 5.000 r	
Acute toxicity methods of administratio	•	:	Test species DL50 LC50 Non-standard unit value	Data n	ot available.
Corrosion/irr skin	itation of	:	Category 2		
Serious eye of irritation	lamage/eye	:	Category 2A		
Respiratory o sensitivity	or dermal	:	Data not available.		
Mutageneses	;	:	Data not available.		
Carcinogenic	ity	:	Data not available.		
Toxic effects reproduction		:	That is assumed that production fitness or reproductive capace beings		
Specific targe toxicity (STO exposure		:	Passengers effects on organ alter human function for a sh		
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

			1505	
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Product	:	Class I Waste - Dispose of authorized for recycling in local regulations		
Waste	:	Class I Waste - Dispose of 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)

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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.	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:

Product name

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			

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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