Product name		DNA 50 1 R T ALMOI		Code	15355740
	02.03.2020			Page: 1 c	of 14
	1. PRO	DUCT AND COMPAN	IY IDENTIFICA	TION	
Product name		: W-THANE ONA S COMPONENT A	50 1 R T ALMC	ND BEIGE	29131
Code		: 15355740			
Main recommended	uses	: Coating for indus	strial sector		
Address		: Rodovia BR 280 - CEP 89270-000, (SC	
Telephone		: +55 47 3276-400	0		
Emergency telephor number	ie	: 0800 720 8000			
E-mail / site		: tintas@weg.net	www.weg.ne	et	

2. HAZARD IDENTIFICATION

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

Labelling Elements

Product name	MATERIAL SAFETY DATA SHEET - W-THANE ONA 50 1 R T ALMOND BEIGE 29131 COMPONENT A	
Last revision:	02.03.2020	Page: 2 of 14
Warning phrase	: Warning	
Hazard phrases	: H226 Flammable liquid a H333 May be harmful if i H313 May be harmful in H315 Causes skin irritati H319 Causes serious ey H402 Harmful to aquatic	nhaled. contact with skin. on. re irritation.
Caution Phrases	Prevention:	neat, hot surfaces, sparks, open flames es. No smoking.
	P233 Keep container tigh	htly closed.
	P240 Ground/bond conta	ainer and receiving equipment.
		N SKIN (or hair): Take off immediately g. Rinse skin with water/shower.
	P304+P312 IF INHAL doctor/physician if you fe	ED: Call a POISON CENTER or eel unwell.
	P312 Call a POISON CE	NTER/ doctor/if you feel unwell.
	P337+P313 If eye advice/attention.	irritation persists get medical
	P362+P364 Take off con reuse.	ntaminated clothing and wash it before
	P370+P378 In case of extinguish.	fire: Use as chapter 5 of MSDS to
	Storage: P403+P235 Store in a w	ell ventilated place. Keep cool.
	Treatmentand disposal P501 Dispose of conte MSDS.	l of waste: ents/container as chapter 13 of the
Other hazard		flash point, this material will release , and can burn in open area if exposed

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3. COMPOSITION AND INFORMATION ABOUT THE INGRENDIENTS

Product type: : Mixture

Ingrendients that contribute to danger:

Product name	CAS No.	Risck classification	Concentration [%]
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	>= 30 - < 50
STYRENE	100-42-5		>= 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 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.
Contact with the eyes	:	Remove contact lenses, if wearing any. Flush the eyes with running water for at least 15 minutes, holding the eyelids apart. Seek medical assistance immediately, bringing the product label with you.
Ingestion	:	Do not provoke vomiting. Consult with a doctor immediately.
Most important symptoms and effects, both acute and delayed	:	Headaches, dizziness, fatigue and in extreme cases, loss of consciousness.
Notes for the doctor	:	Treat symptomatically. Do not induce vomiting because of risk of aspiration of gastric contents into the lungs. Gastric lavage is recommended when the patient ingests large quantities, more than 5ml of the substance in its pure form. The toxic potential of the quantity consumed must be evaluated in relation to the risk of aspiration during gastric lavage. Activated coal in solution could be useful. However, in some cases the coal induces vomiting.

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Product name	W-THANE C	DN/	A 50 1 R T ALMOND BEIGE	Code	15355740
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Last revision: 02.03.2020			Page: 4 o	f 14	
		FIRE-FIGHTING MEASURES			
Suitable extingui methods	ishing		Water in mist form Carbon dioxide (CO2) Foam alcohol resistent Dry chemical powder		
Extinguishing marked	ethods not	:	Direct water jet.		
Specific dangers	3		Flammable liquid and vapour. I heat or ignition source. Expose rupture due to the increased pr subsequent explosion. The vap and spread close to the ground source and provoke fire or bac accumulation of vapours in dep manholes, basement etc. The finely divided (spray) may form In case of burning of the produ compounds. The inhalation of t damage to health.	ed packagir ressure with pours are h and it can kspace of t pressions o vapours an explosive ct, it forms	g to the fire may n risk of a avier than the air move to the ignition he flames. Avoid the n the ground, d/or the particles mixtures with the air. carbon and nitrogen
Protective measu fire fighting team			The personnel involved in contained breathing apparatus protection clothes.		
Specific method	S		Evacuate and isolate the area. your back. Fight the fire to a se packaging of the product from with safety. Chill sideways with closed packaging near the fire.	cure distar the fire are water in fo	ice. Remove the a if this can be made rm of fog all the

6. SPILL / LEAK CONTROL PROCEDURES

from fire fighting reaches drains or waterways. Use dikes to contain this water and eliminate it according to environmental

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 -

MATERIAL SAFE	ETY DATA	SHEET -	MSDS
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W-THANE ONA 50 1 R T ALMOND BEIGE

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		see section 8. Evacuate surro keep onlookers away. Do not material. Eliminate all sources vapor or mist. Provide adequa appropriate respiratory mask accordance with characteristi and in relation to the amount additional emergency measure supervision of a trained profe	touch or was s of ignition. ate ventilation when ventilation cs of the loc of spilled/lea res may be	alk through spilled Avoid breathing on if possible. Wear ation is inadequate.Ir cation and/or area aked product,
Environmental prec	autions :	Prevent the product or the wa waterways, channels, drains, or galleries. spi lled liquid with inert material s approprieate, use absorbent materials such	In case of s such as sand	significant spill, retain d or earth. In
Methods and materia	als for cont	ainment 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 (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	: Use individual protective equipment. Emergency showers and	
treatment	eye wash basins must be installed in locations of use and	1
	storage.	

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Precautions for sa handling	afe :	Use appropriate personal pro 8; The product handling shound in a tural ventilation or with the ventilation; The electrical insubstantiation and the electrical common standards (Brazilian Associata taking into account the result for the local and/or product in Use anti-sparking tools where operations, metal containers must be properly grounded the accumulation of static energy surfaces, sparks, open flame Do not smoke; Do not ingest, smoke as well as avoid containers material is handled, stored a wash their hands before eating Remove contaminated clother before entering food areas; A original packaging, sealed; E hazardous and should be dist the packaging; Emergency shinstalled in the use and store Do not handle the product unall safety precautions containers.	ald occur in p presence of tallations mu nission Stand to of Tech s of the class nstalation. In handling the must be use o avoid spart y; Handle and es, and other Avoid inhala act with eyes e prohibited nd processed ng and prote After use kee impty contain sposed of pro- nowers and e uge places. ntil you have	blaces with good f local exhaust st comply with the dards (IEC), ABNT nical Standards), sification area study e product; In transfer ed and all containers kling by the d use away from hot sources of ignition. ation of vapors or o, skin and clothing; in the area where the d. Workers should and smoking. ective equipment op the product in its ners may be operly. Do not reuse eye washer should be read and understood
Fire protection	:	Only use in well-ventilated le of vapors in explosive conce of the system, in contact wit grounded Keep away from he that do not produce sparks s	entrations.All h the produc neat and sou	conductive elements t, must be electrically irces of ignition.Tools
Storage conditions	S			
Substances to be a	avoid :	Keep away from oxidising a strong alkaline solutions.	agents, stror	ig acid solutions and
Storage condition	IS :	The electrical installation of Electrical Code) or IEC (Int standards and/or those of the Technical Standards). The fi impermeable, non-combust allow run off into the contain must be surrounded by embo- of leakage.	ernational El ne ABNT (Br loor of the s ble and mu ainment rese	ectrical Commission) azilian Association of storage area must be st have ditches that ervoir. Storage tanks
Appropriate stora conditions	ge :	Store the material in covidentified areasKeep out of container.		
Inappropriate stor conditions	rage :	Exposed to elevated temp oxidizing agents.Close to for ignition.		
Materials to avoid	I :	Do not store with explosive gases, oxidizing, corrosive s generate spontaneous comb	substances, o	

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Secure packaging materials

Recommended packaging materials	: Amber type glass. Metal packaging
Packaging materials to be avoided	: 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 Limit (see section 9). Use equipment explosion proof.

Control parameters

Occupational Exposure Limits

Name	CAS No.	TLV/TWA	TLV/STEL	TLV/TETO	Source
SOLVENT XYLENE (S)	1330-20-7	78 ppm340 mg/m ³ 100 ppm	150 ppm		NR15ACGIH
STYRENE	100-42-5	20 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).
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

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cloth should be antistatic, includin the apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid
State of matter	:	Liquid
Color	:	Beige
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.
Upper explosive limit	:	Data not available.
Lower explosive limit	:	Data not available.
Vapor pressure	:	Data not available.
Density	:	1,17 - 1,23 g/cm³
•		
Solubility(ies)	:	Water-insoluble
N-octano /water partition coefficient	:	Data not available.
Auto flammability	:	Data not available.
Cinematic viscosity (25°C)	:	50 - 70 s CF4
Vapor density	:	Data not available.
Decomposition temperature	:	

10. STABILITY AND REACTIVITY

Reactivity

: Presents no reactivity at room temperature and under normal



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			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 add inhibitors	itives and	:	Not necessary.		
Conditions to av	oid	:	Extreme heat and open flam	e.	
Incompatible ma	terials	:	Do not store with explosive gases, oxidizing, corrosive s generate spontaneous comb Plastic materials soluble in X	substances, oustion.	
Dangerous prod decomposition	ucts of	:	Produces noxious gases s carbon dioxide (CO2) and ni		

11. TOXICOLOGICAL INFORMATION

Components SOLVENT XYLENE (S)

Acute toxicity by oral use	: Test species DL50 Observations	Rat 4.300 mg/kg
Acute toxicity by inhalation	: Test species DL50 Observations	Rat 21,7 mg/l4 h
Acute toxicity by cutaneous use	: Test species DL50 Observations	Rabbit > 1.700 mg/kg Data not available.
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	: Data not available.	
Respiratory or dermal sensitivity	: Data not available.	
Mutageneses	: Data not available.	

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Carcinogenicity	:	Data not available.		
Toxic effects for reproduction	r :	Data not available.		
Specific target of toxicity (STOT) exposure		Data not available.		
Specific target of toxicity (STOT) exposure		Data not available.		
Aspiration hazard	: b	Data not available.		
STYRENE				
Acute toxicity b use	y oral :	Test species DL50 Observations	Data not	available.
Acute toxicity b inhalation	y :	Test species DL50 Observations	Data not	available.
Acute toxicity b cutaneous use	y :	Test species DL50 Observations	Data not	available.
Acute toxicity (or methods of administration)	other :	Test species DL50 LC50 Non-standard unit value	Data not	available.
Corrosion/irritat skin	tion of :	Category 2		
Serious eye dan irritation	nage/eye :	Data not available.		
Respiratory or o sensitivity	dermal :	Data not available.		
Mutageneses	:	Data not available.		
Carcinogenicity	:	Data not available.		
Toxic effects for reproduction	r :	Data not available.		
Specific target of toxicity (STOT) exposure		Data not available.		
Specific target of toxicity (STOT) exposure		Data not available.		
Aspiration hazard	: b	Data not available.		

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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 Product Product Product	 Class I Waste - Dispose of in industrial landfill or a facility authorized for recycling in accordance with federal, stateor local regulations Class I Waste - Dispose of in industrial landfill or a facility authorized for recycling in accordance with federal, stateor local regulations Class I Waste - Dispose of in industrial landfill or a facility authorized for recycling in accordance with federal, stateor local regulations Class I Waste - Dispose of in industrial landfill or a facility authorized for recycling in accordance with federal, stateor local regulations 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
Waste	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
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, state or local regulations.
	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.

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, state or local regulations.

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, 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)
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:

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

Product name W-THANE ONA 50 1 R T ALMOND BEIGE Code 15355740 29131 COMPONENT A 29131 COMPONENT A Page: 14 of 14 CL50 Lethal Concentration average Parts per million Public Note of 14

N.dNot availableA+BViscosity 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