

In accordance with Globally Harmonized System of
Classification and Labelling of Chemicals (GHS)-
Chapter 1.5 and Annex 4

SAFETY DATA SHEET

Product: ANJODUR POLYESTER - URANUS GRAY VW 01

Revision: 01

Date: 2020/07/29

Pages: 1/11

1 - IDENTIFICATION

GHS Product identifier:	ANJODUR POLYESTER - URANUS GRAY VW 01
Other means of identification:	034355-00
Recommended use of the chemical:	Used for general or partial painting of automotive vehicles.
Restrictions on use:	There are not known restrictions on use of the product.
Supplier's details:	ANJO QUIMICA DO BRASIL LTDA
Address:	Acesso Estadual Rio Maina, nº 1165, Bairro Vila Macarini CEP: 88818-800, Criciúma - SC - BR
Phone number(s):	(48) 34618000 (48) 34618049
Emergency phone number:	CIATox/SC (Centro de Informação e Assistência Toxicológica de Santa Catarina) 08006435252

2 - HAZARD IDENTIFICATION

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Precautionary
statement(s):

PREVENTION:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating and lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.
P284 In case of inadequate ventilation, wear respiratory protection.

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MIXTURE

Components contributing to the hazard:	Sec-butyl acetate (CAS 105-46-4): 17.34 - 52.03 %; Toluene (CAS 108-88-3): 8.67 - 26.02 %; Ethyl acetate (CAS 141-78-6): 4.93 - 14.79 %; Xylene (CAS 1330-20-7): 2.71 - 8.13 %; Neopentyl glycol (CAS 2223-82-7): 1.58 - 4.75 %; Phthalic anhydride (CAS 85-44-9): 1.51 - 4.54 %; Adipic acid (CAS 124-04-9): 1.24 - 3.72 %; 2,2-bis(acryloyloxymethyl)butyl acrylate trimethylolpropane triacrylate (CAS Not
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lights and electric motors. Can accumulate static charge by flow or agitation. Vapors from heated liquid can be ignited by static discharge. Vapors are heavier than air and tend to accumulate in low or confined areas, such as sewers and basements. Can travel great distances causing retrogression of the flame or new fires both in open environments in as confined ones. Containers may explode if heated.

Special protective actions for fire-fighters: Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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compatibilities:

Inadequate There are not known unsuitable material of the product.

packaging materials:

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit: The values below apply to workplaces.

- 1-methoxy-2-propanol:
ACGIH - TLV - TWA: 50 ppm;
ACGIH - TLV - STEL: 100 ppm.
- Ethylglycol acetate:
ACGIH - TLV - TWA: 5 ppm.
- 2-butoxyethanol:
ACGIH - TLV - TWA: 20 ppm.
- Butanol:
ACGIH - TLV - TWA: 20

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	interpretation of the results. Such background concentrations are incorporated in the BEI value
Other limits and values:	- <u>Ethyl acetate</u>: IDLH (NIOSH, 2010): 2000 ppm - <u>2-butoxyethanol</u>: IDLH (NIOSH - 2010): 700 ppm
Appropriate engineering controls:	Promote mechanical ventilation and exhaust system to outside. These acts help reducing the exposition to the product. Maintain atmospheric concentrations of the constituents of the product below occupational exposure limits indicated.
Individual protection measures, such as personal protective equipment (PPE)	
Eye/face protection:	Safety glasses.
Skin protection:	Closed shoes and suitable protective clothing. Appropriate protective gloves.
Respiratory protection:	A risk assessment should be performed for proper definition of respiratory protection, in view of the product use conditions.
Thermal hazards:	It does not present thermal hazards.

9 - PHYSICAL AND CHEMICAL PROPERTIES

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value):

Vapour pressure: Not available.

Relative vapour density: Not available.

Density and/or relative density: 0.91 to 0.96.

Particle characteristics: Not available.

Other information: Not applicable.

10 - STABILITY AND REACTIVITY

Reactivity: Reactivity is not to be expected under normal conditions of temperature and pressure

Stability: Product is stable under normal conditions of temperature and pressure.

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Skin corrosion/irritation:	Causes skin irritation with redness, pain and dryness.
Serious eye damage/irritation:	It is not expected that the product causes eye irritation.
Respiratory or skin sensitization:	May cause an allergic skin reaction with pruritus and dermatitis. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity:	It is not expected that the product presents germ cell mutagenicity.
Carcinogenicity:	May cause cancer.
Reproductive toxicity:	Suspected of damaging fertility or the unborn child. The ingredient Ethylglycol acetate, classified as reproductive toxicant - category 1B, is in concentration < 0,3% and does not contribute to this classification of the product. The ingredient 2-butoxyethanol, classified as reproductive toxicant - category 2, is in concentration < 3% and does not contribute to this classification of the product.
STOT - Single exposure:	May cause drowsiness or dizziness, may cause dizziness and nausea. Information regarding to : - <u>Xylene</u> : At high concentrations may cause hypotension, tachycardia, vasodilation, dizziness, incoordination, headache, confusion, stupor and coma.
STOT - Repeated exposure:	May cause damage to the central nervous system through prolonged or repeated exposure, may cause anorexia, auditory dysfunction, difficulty in concentrating

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	log K_{ow} : 1.6
Mobility in soil:	Not determined.
Other adverse effects:	There are not known other environmental effects for this product.

13 - DISPOSAL CONSIDERATIONS

Disposal methods

Must be disposed of as hazardous waste in compliance with local regulations. The treatment and disposal should be evaluated for each specific product.
Keep the product remains in its original and properly closed containers. Disposal should be performed as established for the product.

14 - TRANSPORT INFORMATION

Road:	UN - United Nations: Model Regulations: • Recommendations on the Transport of Dangerous Goods.
UN number:	1263

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or division:	
Packing group:	III
EmS:	F-E, <u>S</u> -E
Environmental hazards:	The product is not considered a marine pollutant.
Air:	IATA - International Air Transport Association: • DGR - Dangerous Goods Regulation.
UN number:	1263
Proper shipping name:	PAINT
Primary risk class or division:	3
Subsidiary risk class or division:	NA
Packing group:	III

15 - REGULATORY INFORMATION

Convention concerning Safety in the use of Chemicals at Work (Convention 170) - International Labour Organization, 1990.

16 - OTHER INFORMATION

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LC₅₀ - Lethal Concentration 50%;
NIOSH - National Institute for Occupational Safety and Health;
NOEC - No Observed Effect Concentration;
STEL - Short Term Exposure Limit;
TLV - Threshold Limit Value;
TWA - Time Weighted Average;
UN - United Nations.

Bibliographic references:

GHS - GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS. 8th rev. ed.
New York: United Nations, 2019.

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIALS HYGIENISTS. TLVs® and BEIs®: Based
on the Documentation of the Threshold Limit Values (TLVs®) for Chemical Substances and Physical Agents &
Biological Exposure Indices (BEIs®). Cincinnati-USA, 2020.