

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING Product identifier: TAPA-MANCHAS SIN OLOR 1.1 Código - 21350 1.2 Relevant identified uses of the substance or mixture and uses advised against: Relevant uses: Decorative paint Uses advised against: All uses not specified in this section or in section 7.3 1.3 Details of the supplier of the safety data sheet: INDUSTRIAS JUNO, S.A. Bº SAKONI, 10 48950 ERANDIO - VIZCAYA - ESPAÑA Phone.: +34 944 670 062 - Fax: +34 944 675 832 laboratorio@juno.es www.juno.es **Emergency telephone number:** +34 944 670 062 (8:00 -15:00) 1.4 SECTION 2: HAZARDS IDENTIFICATION 2.1 Classification of the substance or mixture: Directive 67/548/EC and Directive 1999/45/EC: This product was classified in accordance with Directive 67/548/EC and Directive 1999/45/EC, adapting the requirements to Regulation (EC) nº1907/2006 (REACH regulation). R10 - Flammable R53 - May cause long-term adverse effects in the aquatic environment R66 - Repeated exposure may cause skin dryness or cracking 2.2 Label elements: Directive 67/548/EC and Directive 1999/45/EC: **R** Phrases: R10: Flammable R53: May cause long-term adverse effects in the aquatic environment R66: Repeated exposure may cause skin dryness or cracking S Phrases:

S2: Keep out of the reach of children

S23: Do not breathe vapour and spray

S46: If swallowed, seek medical advice immediately and show this container or lable

S51: Use only in well-ventilated areas

S61: Avoid release to the environment Refer to special instructions/safety data sheets

Supplementary information:

Non-applicable

2.3 Other hazards:

Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description:

Mixture composed of pigments and resins

Components:

In accordance with Annex II of Regulation (EC) nº1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification						
a let non applicable	Hydrocarbons, C10-0	C12, iso-alkenes, <2% aromatics	Self-classified				
EC: 923-037-2 Index: Non-applicable	Directive 67/548/EC	Xn: R65; R10; R53; R66	×	25 - <50 %			
REACH: 01-2119471991-29-XXXX	Regulation 1272/2008	Aquatic Chronic 4: H413; Asp. Tox. 1: H304; Flam. Liq. 3: H226 - Danger	۵.				
To obtain more inform	To obtain more information on the risk of the substances consult sections 8, 11, 12 and 16.						

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:



SECTION 4: FIRST AID MEASURES (continue)

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the MSDS of this product.

By inhalation:

This product does not contain substances classified as dangerous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with luke warm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as guickly as possible with the MSDS of the product. By consumption:

Do not induce vomiting, but if it does happen keep the head up to avoid inhalation. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

If possible use polyvalent powder fire exginguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive subproducts are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflamation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inertizing agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

Environmental precautions: 6.2

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

Methods and material for containment and cleaning up: 6.3

It is recommended:



SECTION 6: ACCIDENTAL RELEASE MEASURES (continue)

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Avoid projections and pulverisations. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to used it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

	-
Minimum Temp.:	5 °C
Maximun Temp.:	30 °C
Maximum time:	24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

There are no environmental limits for the substances contained in the product

DNEL (Workers):

Non-applicable

DNEL (Population):

Non-applicable

PNEC:

Non-applicable

8.2 Exposure controls:

A.- General security and hygiene measures in the work place



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the professional exposure limits. In case of using indivudual protection equipment they should have the "CE marking" in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.

B.- Respiratory protection

	, ,,,,,,,,	-			1		-	_	
	LRP Pictogram		PPE	Labelling		CEN Standard		Remarks	
	Compulsory use of face mask	Filter m	ask for particles		EN	149:2001+A1:2009	Re	eplace when an increase in resistence to breathing is observed.	
C	Specific protection	for the	hands						
	LRP Pictogram		PPE	Labelling		CEN Standard		Remarks	
	Mandatory hand protection	prote	posable chemical ective gloves			EN 374-1:2003 374-3:2003/AC:2006 420:2003+A1:2009	manufa the p	he Breakthrough Time indicated by the acturer must exceed the period during which roduct is being used. Do not use protective ms after the product has come into contact with skin.	
D	Ocular and facial	protection	<u>ו</u>						
	LRP Pictogram		PPE	Labelling		CEN Standard		Remarks	
	Mandatory face protection	F	ace mask			EN 166:2001 EN 167:2001 EN 168:2001 172:1994/A1:2000 172:1994/A2:2001 EN 165:2005	Clean	daily and disinfect periodically according to the manufacturer's instructions.	
E Bodily protection									
	LRP Pictogram		PPE	Labelling		CEN Standard		Remarks	
	Mandatory complete body protection	protectior risks, wi	able clothing for against chemical th antistatic and oof properties		E	EN 1149-1,2,3 I3034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2001 EN ISO 6530:2005 EN 340:2003 EN 464:1994		professional use only. Clean periodically ording to the manufacturer's instructions.	
	Mandatory foot protection	protection risk, with	y footwear for against chemical antistatic and heat ent properties			EN 13287:2007 N ISO 20345:2011 EN 13832-1:2006 N ISO 20344:2011	Replace boots at any sign of deterioration		
F	Additional emerge	ency mea	sures						
	Emergency mea	isure	Sta	tandards		Emergency measure		Standards	
	Emergency shower		ANSI Z358-1 ISO 3864-1:2002			Eyewash stations		DIN 12 899 ISO 3864-1:2002	
Env	/ironmental exp		ontrols:						
In a spil Vol	accordance with th	ie commu roduct ar ipounds	unity legislation f nd its container. :	For additional	inform	ation see subsectior		nmended to avoid environmental	
	.C. (Supply):	VC 1555/	30,48 % weight		lowing				
	.C. density at 20 ^c	ю с .	420,64 kg/m ³						
	rage carbon numb		420,04 kg/m ³ 10,98	(120,07 Y/L)					
Ave.	Average carbon number. 10,50								

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Average molecular weight:

155,81 g/mol



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:V.O.C. density at 20 °C:434,44 kg/m³ (434,44 g/L)EUlimit for the product (Cat. A.I):500 g/L (2010)Components:Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic p	hysical and ch	emical p	roperties:		
	For complete information	see the product	datashee	t.		
	Apperance:					
	Physical state at 20 °C:	Liquid				
	Apperance:	Viscous				
	Color:	White				
	Odor:	Soft				
	Volatility:					
	Boiling point at atmosphe	ric pressure:		167 °C		
	Vapour pressure at 20 °C	:		284 Pa		
	Vapour pressure at 50 °C	:		1600 Pa (2 kPa)		
	Evaporation rate at 20 °C	:		Non-applicable *		
	Product description:					
	Density at 20 °C:			1330 - 1430 kg/m ³		
	Relative density at 20 °C:			1,33 - 1,43		
	Dynamic viscosity at 20 %	C:		20 cP		
	Kinematic viscosity at 20	°C:		76,81 cSt		
	Kinematic viscosity at 40	°C:		>7 cSt		
	Concentration:			Non-applicable *		
	pH:			Non-applicable *		
	Vapour density at 20 °C:			Non-applicable *		
	Partition coefficient n-octa	anol/water 20 °C	:	Non-applicable *		
	Solubility in water at 20 o	C:		Non-applicable *		
	Solubility property:			Soluble in organic solvents		
	Decomposition temperatu	re:		Non-applicable *		
	Flammability:					
	Flash Point:		42 °C			
	Autoignition temperature:		189 °C			
	Lower flammability limit:		Not avai	lable		
	Upper flammability limit:		Not avai	lable		
9.2	Other information:					
	Surface tension at 20 °C:	Non-a	pplicable	*		
	Refraction index:	Non-a	pplicable	*		
	*Not relevant due to the natur	e of the product, no	t providing	information property of its hazards.		

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected if the following technical instructions storage of chemicals. See section 7.



SECTION 10: STABILITY AND REACTIVITY (continue)

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the conditions no hazardous reactions are expected to produce a pressure or excessive temperatures.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Combustive materials	Combustible materials	Others
Not applicable	Not applicable	Avoid direct impact	Avoid direct impact	Not applicable

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

B- Inhalation:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.

E- Sensitizing effects:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensibilizing effects. For more information see section 3.

F- Specific target organ toxicity (STOT)-time exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

Repeated exposure may cause skin dryness or cracking

H- Aspiration hazard:

Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

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SECTION 11: TOXICOLOGICAL INFORMATION (continue)

Identification	ļ	Acute toxicity	
Hydrocarbons, C10-C12, iso-alkenes, <2% aromatics	LD50 oral	5000 mg/kg	Rat
CAS: Non-applicable	LD50 dermal	Non-applicable	
EC: 923-037-2	LC50 inhalation	Non-applicable	

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the ecotoxicological properties of the mixture itself is not available

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Identification	Degra	adability	Biodegradab	ility
Hydrocarbons, C10-C12, iso-alkenes, <2% aromatics	BOD5	Non-applicable	Concentration	Non-applicable
CAS: Non-applicable	Code	Non-applicable	Period	28 days
EC: 923-037-2	BOD5/COD	Non-applicable	% Biodegradable	31 %

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Directive 2008/98/EC)
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances	Dangerous

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2000/532/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) $n^{0}1907/2006$ (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2000/532/EC: Commission Decision of 3 May 2000

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2013 and RID 2013:



SECTION 14: TRANSPORT	INFORMATION (continue)	
1/1 1	UN number:	UN1263
	UN proper shipping name:	PAINT
	Transport hazard class(es):	3
	Labels:	3
14.4	Packing group:	III
	Dangerous for the	No
•	environment:	
14.6	Special precautions for user	
	Special regulations:	163, 640E, 650
	Tunnel restriction code:	D/E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7	Transport in bulk according	Non-applicable
	to Annex II of MARPOL 73/78 and the IBC Code:	
Transport of dangero	-	
With regard to IMDG 20		
-		
	UN number:	UN1263
	UN proper shipping name:	PAINT
14.3	Transport hazard class(es): Labels:	3
	Packing group:	III
	Dangerous for the	No
3 14.5	environment:	
14.6	Special precautions for user	
	Special regulations:	163, 223, 944, 955
	EmS Codes:	F-E, S-E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7	Transport in bulk according	Non-applicable
	to Annex II of MARPOL 73/78 and the IBC Code:	
Transport of dangero	•	
With regard to IATA/IC		
		UN1263
	UN number: UN proper shipping name:	PAINT
	Transport hazard class(es):	3
14.3	Labels:	3
3 14.4	Packing group:	III
	Dangerous for the	No
	environment:	
14.6	Special precautions for user	
	Physico-Chemical properties:	see section 9
14.7	Transport in bulk according	Non-applicable
	to Annex II of MARPOL 73/78 and the IBC Code:	
	, s, , o and the IDC Coue.	

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 2-octyl-2Hisothiazol-3-one.

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Active substances for which a decision of non-inclusion onto Annex I (Regulation (EU) No 528/2012): Non-applicable



SECTION 15: REGULATORY INFORMATION (continue)

Regulation (EC) 689/2008, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH):

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,

artificial snow and frost,

- "whoopee" cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Non-applicable

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) Nº 1907/2006 (Regulation (EC) Nº 453/2010)

Modifications related to the previous security card which concerns the ways of managing risks. :

Non-applicable

Text of R-phrases considered in section 3:

Directive 67/548/EC and Directive 1999/45/EC:

R10: Flammable

- R53: May cause long-term adverse effects in the aquatic environment
- R65: Harmful: may cause lung damage if swallowed
- R66: Repeated exposure may cause skin dryness or cracking

CLP Regulation (EC) nº 1272/2008:

Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://esis.jrc.ec.europa.eu http://echa.europa.eu http://eur-lex.europa.eu

Abbreviations and acronyms:



SECTION 16: OTHER INFORMATION (continue)

- ADR: European agreement concerning the international carriage of dangerous goods by road
- -IMDG: International maritime dangerous goods code
- -IATA: International Air Transport Association
- -ICAO: International Civil Aviation Organisation
- -COD: Chemical Oxygen Demand
- -BOD5: 5-day biochemical oxygen demand
- -BCF: Bioconcentration factor
- -LD50: Lethal Dose 50
- -CL50: Lethal Concentration 50
- -EC50: Effective concentration 50
- -Log-POW: Octanol-water partition coefficient
- -Koc: Partition coefficient of organic carbon

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this security data sheet only refers to this product, which should not be used for needs other than those specified.