

Danger

ACRYLIC SATIN VARNISH 28.532

ACRYLICOS VALLEJO, S.L



Health risk rating

Safety risk rating

Environmental risk rating

2	4
1	

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General Information

Product name: ACRYLIC SATIN VARNISH 28.532

Product identifiers: ACRYLIC SATIN VARNISH 28.532

Product code: EX554W0909

Revision date: 2018-11-09

Printed date: 2018-11-13

Icons in SDS:



GHS Information

Signal word: Danger

Hazard statements

Code	Statements
H222	Extremely flammable aerosol
H229	Pressurized container: may burst if heated

Precautionary statements

Code	Statements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

SECTION 4: First aid measures

4.1 Description of first aid measures

Symptoms may occur after exposure, so that in case of direct exposure to the product, when in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Route of exposure

First-aid measures after inhalation

Usually produces no symptoms. # Should there be any symptoms, transfer the person affected to the open air.

First-aid measures after skin contact

Prolonged contact may cause skin dryness. # Remove contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.

First-aid measures after eye contact

Contact with the eyes produces redness and pain. # Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water, holding the eyelids apart. If irritation persists, consult a physician.

Ingestion

If swallowed in high doses, may cause # If swallowed, seek immediate medical attention. Do not induce gastrointestinal disturbances. vomiting. Keep the patient at rest.

4.2 Most important symptoms and effects, both acute and delayed

The main symptoms and effects are indicated in sections 4.1 and 11

Note to physicians

Treatment should be directed at the control of symptoms and the clinical condition of the patient Antidotes and contraindications: Specific antidote not known.

SECTION 8: Exposure controls/personal protection

Personal protective equipment



8.1 Control parameters

If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

Occupational Exposure Limit

AGCIH 2017 Year TLV-TWA TLV-STEL Limits, suitable respiratory protection must be worn

Other information:

ppm mg/m³ ppm mg/m³ Dimethyl ether 1000. 1920. - Recommended Ethyl alcohol 1996 1000. 1880. - A4 Ammonia, anhydrous 1970 25. 17. 35. 24. TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit. A4 - Non classified as carcinogenic in humans.

Biological limit values

Not available

Derived NO-effect level (DNEL)	<p>DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidances included in REACH DNEL values may differ from a occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH. Derived no-effect level, workers: Inhalation Cutaneous Oral - Systemic effects, acute and chronic: mg/m³ mg/kg bw/d Dimethyl ether - (a) 1894. (c) - (a) - (c) - (a) - (c) Ethyl alcohol s/r (a) 950. (c) s/r (a) 343. (c) - (a) - (c) Ammonia, anhydrous 47.6 (a) 47.6 (c) 68.0 (a) 68.0 (c) - (a) - (c) Derived no-effect level, workers: Inhalation Cutaneous Eyes - Local effects, acute and chronic: mg/m³ mg/cm² Dimethyl ether - (a) - (c) - (a) - (c) - (a) - (c) Ethyl alcohol 1900. (a) s/r (c) s/r (a) s/r (c) - (a) - (c) Ammonia, anhydrous 36.0 (a) 14.0 (c) s/r (a) s/r (c) - (a) - (c) Derived no-effect level, general population: Inhalation Cutaneous Oral - Systemic effects, acute and chronic: mg/m³ mg/kg bw/d Dimethyl ether - (a) 471. (c) - (a) - (c) - (a) - (c) Ethyl alcohol s/r (a) 114. (c) s/r (a) 206. (c) s/r (a) 87.0 (c) Ammonia, anhydrous 23.8 (a) 23.8 (c) 68.0 (a) 68.0 (c) 6.80 (a) 6.80 (c) Derived no-effect level, general population: Inhalation Cutaneous Eyes - Local effects, acute and chronic: mg/m³ mg/cm² Dimethyl ether - (a) - (c) - (a) - (c) - (a) - (c) Ethyl alcohol 950. (a) s/r (c) s/r (a) s/r (c) - (a) - (c) Ammonia, anhydrous 7.20 (a) 2.80 (c) s/r (a) s/r (c) - (a) - (c) (a) - Acute, short-term exposure, (c) - Chronic, long-term or repeated exposure. (-) - DNEL not available (without data of registration REACH). s/r - DNEL not derived (not identified hazard).</p>
Predicted no effect concentrations (PNECs)	<p>Predicted no-effect concentration, aquatic organisms: Fresh water Marine Intermittent - Fresh water, marine water and intermittent release: mg/l Dimethyl ether 0.155 0.0160 1.55 Ethyl alcohol 0.960 0.790 2.75 Ammonia, anhydrous 0.00110 0.00680 - Wastewater treatment plants (STP) and sediments in fresh- and PNEC STP Sediments marine water: mg/l mg/kg dry weight Dimethyl ether 160. 0.681 0.0690 Ethyl alcohol 580. 3.60 2.90 Ammonia, anhydrous - Predicted no-effect concentration, terrestrial organisms: Air Soil Oral - Air, soil and effects for predators and humans: mg/m³ mg/kg dry weight mg/kg bw/d Dimethyl ether - 0.0450 - Ethyl alcohol - 0.630 720. Ammonia, anhydrous - (-) - PNEC not available (without data of registration REACH).</p>
Appropriate engineering controls	<p>Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the</p>
Inhalation	<p>Avoid the inhalation of vapours</p>
Eye / face protection	<p>It is recommended to install water taps or sources with clean water close to the working area</p>
Skin and Body Protection	<p>It is recommended to install water taps or sources with clean water close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be applied once exposure has occurred.</p>
Occupational exposure controls	<p>Directive 89/686/EEC~96/58/EC As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding EC marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc..), you should consult the informative brochures provided by the manufacturers of PPE. Mask: # Suitable combined filter mask for gases, vapours and particles (EN14387/EN143). Class 1: low capacity up to 1000 ppm, Class 2 medium capacity up to 5000 ppm, Class 3 high capacity up to 10000 ppm. In order to obtain a suitable protection level, the filter class must be selected depending on the type and concentration of the contaminating agents present, in accordance with the specifications supplied by the filter producers. Safety goggles: Safety goggles with suitable lateral protection (EN166). Clean daily and disinfect at regular intervals in accordance with the instructions of the manufacturer.</p>
Face-shield	<p>No.</p>

Glove material	Gloves resistant against chemicals (EN374). There are several factors (for example, temperature), they do in practice the period of use of a protective gloves resistant against chemicals is clearly lower than the established standard EN374. Due to the wide variety of circumstances and possibilities, the instructions/specifications provided by the glove supplier should be taken into account. The gloves should be immediately replaced when any sign of degradation is noted.
Boots	No. Apron: No. Clothing: No.
Thermal hazards	Not applicable (the product is handled at room temperature).
Control of environmental exposure	Avoid any spillage in the environment. Avoid any release into the atmosphere.
Spills on the soil	Prevent contamination of soil
Spills in water	Do not allow to escape into drains, sewers or water courses - Water Management Act: This product does not contain any substance included in the list of priority substances in the field of water policy under Directive 2000/60/EC~2013/39/EU.
Emissions to the atmosphere	Because of volatility, emissions to the atmosphere while handling and use may result. When possible, avoid solvent release to the atmosphere; do not pulverize more than is strictly necessary. - VOC (industrial installations): # If this product is used in an industrial installation, it must be verified if it is applicable the Directive 2010/75/EC, on the limitation of emissions of volatile compounds due to the use of organic solvents in certain activities and installations Solvents 66.6% Weight , VOC supply) 66.6% Weight , VOC 34.6% C (expressed as carbon) , Molecular weight (average) 47.2 , Number C atoms (average) 2.0
SECTION 7: Handling and storage	
7.1 Precautions for safe handling	Comply with the existing legislation on health and safety at work.
Further information on handling	Avoid any type of leakage or escape. Recommendations for the prevention of fire and explosion risks: Pressurised container. Protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Do not smoke.
FLASH POINT	36* °C - Autoignition temperature # 286* °C - Upper/lower flammability or explosive limits # 3.3* - 23.5 % Volume 25°C Recommendations for the prevention of toxicological risks: Avoid applying the product directly to people, animals, plants or foodstuffs. Do not eat, drink or smoke in application and drying areas. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8. Recommendations for the prevention of environmental contamination: It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.
7.2 Conditions for safe storage, including any incompatibilities	Forbid the entry to unauthorized persons. Keep out of reach of children. This product should be stored isolated from heat and electrical sources. Do not smoke in storage area. If possible, avoid direct contact with sunlight. For more information, see section 10. Class of storage According to current legislation. Maximum storage period 6. months Temperature interval min 5. °C, max 50. °C (recommended)
Incompatible products	Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. Type of packaging: According to current legislation. Limit quantity (Seveso III): Directive 2012/18/EU: Not applicable (product for non industrial use). .
7.3 Specific end use(s)	RELEVANT EXPOSURE SCENARIOS: Not required for this material, since it is not classified as dangerous for the health and it is not classified as dangerous for the environment.

SECTION 5: Firefighting measures

5.1 Extinguishing media	Extinguishing powder or CO ₂ . In the case of more important fires, also alcohol resistant foam and water spray/mist. Do not use for extinguishing: direct water jet. Direct water jet may not be effective to extinguish the fire, since the fire may spread.
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5.2 Special hazards arising from the substance or mixture	As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be a hazard to health.
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Special protective actions for fire-fighters	Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots. If the fire-proof protective equipment is not available or is not being used, combat fire from a sheltered position or from a safe distance. The standard EN469 provides a basic level of protection for chemical incidents. Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Eliminate possible sources of ignition and when appropriate, ventilate the area. Do not smoke. Avoid direct contact with this product. Avoid breathing vapours. Keep people without protection in opposition to the wind direction.
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6.2 Environmental precautions	Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.
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6.3 Methods and material for containment and cleaning up	Contain and mop up spills with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc..). Avoid use of solvents. Keep the remains in a closed container.
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6.4 Reference to other sections	For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For waste disposal, follow the recommendations in section 13.
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Company Information

Company name	ACRYLICOS VALLEJO, S.L
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