



ACRYLICOS
VALLEJO, S.L.

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MATERIAL SAFETY DATA SHEET ACRYLIC – POLYURETHANE PRIMER

1.- PRODUCT NAME AND MANUFACTURER

Product name: ACRYLIC – POLYURETHANE SURFACE PRIMER

- 600 IMPRIMACION BLANCO/WHITE PRIMER
- 601 IMPRIMACION GRIS/GREY PRIMER
- 602 IMPRIMACION NEGRO/BLACK PRIMER
- 603 IMPRIMACION GERMAN PANZER GREY RAL7021/SCHWARZGRAU RAL7021
- 604 IMPRIMACION GERMAN DARK YELLOW RAL7028/DUNKELGELB RAL 7028
- 605 IMPRIMACION RED BROWN RAL8012/ROTBRAUN RAL8012
- 606 IMPRIMACION GERMAN GREEN BROWN RAL8000/GRÜN BRAUN RAL8000
- 607 IMPRIMACION VERDE BRONCE UK/UK BRONZE GREEN PRIMER
- 608 IMPRIMACION VERDE OLIVA US/US OLIVE DRAB PRIMER
- 609 IMPRIMACION VERDE RUSO 4BO/RUSSIAN GREEN 4BO
- 610 IMPRIMACION IJA KARE-KUSA-IRO PARCHED GRASS (LATE)
- 611 IMPRIMACION IJA TSUCHI-KUSA-IRO EARTH GREEN (EARLY)
- 612 IMPRIMACION VERDE NATO FS34094/NATO GREEN FS34094
- 613 IMPRIMACION CAMUFLAJE DESIERTO/DESERT TAN BASE
- 614 IMPRIMACION IDF ISRAELI SAND GREY 61-73 FS30372
- 615 IMPRIMACION GRIS CLARO USN FS36375/USN LIGHT GHOST GREY FS36375

Product type and use: Water-based acrylic-polyurethane surface primer for brush & airbrush techniques.
17, 60, 200 ml bottle.

Manufacturer: ACRYLICOS VALLEJO, S.L.
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Emergency number: 34 93 893 60 12 (only business hours)

2.- HAZARDS IDENTIFICATION

2.1 Classification:

* Directive 67/548/EC, Directive 1999/45/EC, FHSA/LHAMA (USA), CCCR (CANADA)
Xi: R36 Irritating to eyes

R52/53: harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

* **CLP Regulation (EC) n°1272/2008:**

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3.
Irritating to eyes: Eye Irritation, Category 2.

2.2 Label elements:

* **Directive 67/548/EC, Directive 1999/45/EC:**

In accordance with these legislations, the elements on the label are as follow:

Symbol:



R Phrases:

R36: Irritating to eyes

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrases:

S25: Avoid contact with eyes

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

* **CLP Regulation (EC) n°1272/2008:**

In accordance with this legislation, the elements on the label are as follow:



Hazard indications:

Aquatic Chronic 3: H412 – Harmful to aquatic life with long lasting effects.

Eye Irrit. 2: H319 – causes serious eye irritation.

Cautionary advice:

P264: Wash thoroughly after use



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P273: Avoid release to the environment

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P305 + P351 + P338: if in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P501. Dispose of the container/receptacle in accordance with the current legislation on waste treatment.

3.- COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Mixture composed of additives, pigments and resin.

Hazardous Components used:

	<u>N° CAS</u>	<u>%WT</u>	<u>OSHA PEL/TWA</u>
1 Amorphous Silica	7631-86-9	2 - 4%	6 mg/m ³
2 Carbon Black	1333-86-4	0.1 - 10%	3.5 mg/m ³
3 Polyurethane resin	-	21 - 23%	NE
4 Propylene Glycol	57-55-6	3.5 - 5%	NE
5 Titanium Dioxide	13463-67-7	1 - 12%	10 mg/m ³

HAZARDOUS COMPONENTS

600 WHITE PRIMER	1, 3, 4, 5
601 GREY PRIMER	1, 2, 3, 4, 5
602 BLACK PRIMER	1, 2, 3, 4
603 GERMAN PANZER GREY RAL7021	1, 2, 3, 4, 5
604 GERMAN DARK YELLOW RAL7028	1, 3, 4, 5
605 RED BROWN RAL8012	1, 2, 3, 4, 5
606 GERMAN GREEN BROWN RAL8000	1, 2, 3, 4, 5
607 UK BRONZE GREEN PRIMER	1, 2, 3, 4, 5
608 US OLIVE DRAB PRIMER	1, 2, 3, 4, 5
609 RUSSIAN GREEN 4BO	1, 2, 3, 4, 5
610 IJA KARE-KUSA-IRO PARCHED GRASS (LATE)	1, 2, 3, 4, 5
611 IJA TSUCHI-KUSA-IRO EARTH GREEN (EARLY)	1, 2, 3, 4, 5
612 NATO GREEN FS34094	1, 2, 3, 4, 5
613 DESERT TAN BASE	1, 2, 3, 4, 5
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615 USN LIGHT GHOST GREY FS36375	1, 2, 3, 4, 5



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4.- FIRST AID MEASURES

Inhalation: remove the casualty into fresh air and keep him calm. See doctor if symptoms persist.

Swallowing: Drink as much water as possible. Do not induce vomiting. Refer for medical treatment.

Eye contact: rinse eyes thoroughly with luke warm water for 20-30 minutes at least. 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 quickly as possible with the MSDS of the product.

Skin contact: wash off immediately with plenty of water. See doctor if skin irritation occurs.

5.- FIREFIGHTING MEASURES

Product is non-flammable under normal conditions of storage, manipulation and use, containing inflammable substances. In the case of inflammation as a result of improper manipulation, storage or use, preferably use polyvalent powder extinguishers (ABC powder), in accordance with the regulation on fire protection systems. It is not recommended to use tap water as an extinguishing agent.

As a result of combustion or thermal decomposition reactive subproducts are created (CO₂, CO, NO_x...) that can become highly toxic and, consequently, can present a serious health risk.

6.- ACCIDENTAL RELEASE MEASURES

Residue take up with inert absorbent material (sand). Do not absorb in sawdust or other combustible adsorbents. Dispose of absorbed material in accordance with the regulations.

Remove dried paint with alcohol, ammonia or other professional cleaners.

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers.

7.- HANDLING AND STORAGE

Package: 17, 60, 200 ml containers

Keep bottle tightly closed.

For best product stability, avoid temperature extremes. Paint will withstand freezing to -5°C without damage.

8.-EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Provide good room ventilation

Respiratory protection: When spraying use a NIOSH P100 dust and mist respirator.



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Protective gloves: mandatory chemical protective gloves.

Protective glasses: mandatory panoramic glasses against liquid splash

Other protective clothing or equipment: none required under normal use

Work/Hygienic practices: all products should be used in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid excessive skin contact, wash after working with materials.

9.-PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Odor:	characteristic
Flash Point:	not applicable
Density:	1.10 - 1.2gr/cc
Viscosity:	91 - 120 cPs (Brookfield, R1, 20 rpm, 20°C)
pH:	8.75 - 9.05
Solubility in water:	Totally soluble
Drying time:	20-30 minutos
Boiling point:	>100°C (212°F)

10.- STABILITY AND REACTIVITY

10.1 Reactivity:

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

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.

11.- TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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

Specific toxicology information on the substances.

Not available.

12.- ECOLOGICAL INFORMATION

Not readily biodegradable. Do not allow to enter soil, waterways or waste water. No other data available.



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13.- DISPOSAL CONSIDERATIONS

Disposal in accordance with local regulations. In some countries, incineration is not permitted.

14.- TRANSPORT INFORMATION

PRIMERS are not hazardous product for their transport. (ADR/RID, IMDG, IATA)

15.- REGULATORY INFORMATION

Products are labeled in compliance with Directive 67/548/EC, Directive 1999/45/EC, FHSA/LHAMA (USA), CCCR (CANADA)

Classified:

Symbols: Xi

R phrases: R36
R52/53

S phrases: S25
S61

16.- OTHER INFORMATION

This information is only a guide for safety in the handling and storage, and it is not a specification of quality.

ACRYLIC – POLYURETHANE SURFACE PRIMERS conforms to ASTM D-4236.