



ACRYLICOS
VALLEJO, S.L.

NIF (ES) B-60562956

Pol. Ind. Sant Jordi, C/ Eusebio Millán, 14
Apartado Postal (P.O.Box) 337
08800 Vilanova i la Geltrú (Barcelona) SPAIN
Tel. 34 93 893 60 12 Fax 34 93 893 11 54
E-mail: vallejo@acrylicosvallejo.com
www.acrylicosvallejo.com

MATERIAL SAFETY DATA SHEET MODEL COLOR

1.- PRODUCT NAME AND MANUFACTURER

Product name: MODEL COLOR

73.470	MEDIUM BRIL./GLOSS MEDIUM
62.064	BARNIZ BRIL./GLOSS VARNISH
62.062	BARNIZ MATE/MAT VARNISH
62.063	BARNIZ SATINADO/SATIN VARNISH MODEL
28.850	MASCARA LIQUIDA/LIQUID MASK
62.066	DILUYENTE/THINNER
73.540	MEDIUM MATE/MAT MEDIUM
62.065	RETARDANTE/RETARDER



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Product type and use: Acrylic colors for models and miniatures. 17 ml bottle.

Manufacturer: ACRYLICOS VALLEJO, S.L.
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www.acrylicosvallejo.com vallejo@acrylicosvallejo.com

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)

In accordance with Directive 67/548/EC, Directive 1999/45/EC, FHSA/LHAMA (USA), CCCR (CANADA), the product is not classified as dangerous.

2.2 Label elements:

Directive 67/548/EC, Directive 1999/45/EC, FHSA/LHAMA (USA), CCCR (CANADA)

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

Symbol:

Non-applicable

R Phrases:

Non-applicable

S Phrases:

Non-applicable



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3.- COMPOSITION/INFORMATION ON INGREDIENTS

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

Hazardous Components used at levels non-hazardous:

	<u>Nº CAS</u>	<u>%WT</u>	<u>OSHA PEL/TWA</u>
1 Amorphous Silica	7631-86-9	0.2 - 1.5%	6 mg/m ³
2 Barium Sulphate	7727-43-7	8 - 30%	10 mg/m ³
3 Calcium carbonate	1317-65-3	2 - 3 %	15 mg/m ³
4 Carbon Black	1333-86-4	0.1 - 10%	3.5 mg/m ³
5 CI PO20 (Cadmium Pigment)	12656-57-4	1 - 2%	5 µm ³ (as Cadmium)
6 CI PR108 (Cadmium Pigment)	58339-34-7	4 - 12%	5 µm ³ (as Cadmium)
7 CI PY35 (Cadmium Pigment)	8048-07-05	3 - 7%	5 µm ³ (as Cadmium)
8 Iron Oxide	1309-37-1	4 - 28%	10 mg/m ³
9 Mica	12001-26-2	17 - 25%	3 mg/m ³
10 Propylene Glycol	57-55-6	3.5 - 5%	NE
11 Titanium Dioxide	13463-67-7	0.1 - 35%	10 mg/m ³

HAZARDOUS COMPONENTS

MEDIUM BRIL./GLOSS MEDIUM	10
BARNIZ BRIL./GLOSS VARNISH	10
BARNIZ MATE/MAT VARNISH	1, 10
BARNIZ SATINADO/SATIN VARNISH	1, 10
MASCARA LIQUIDA/LIQUID MASK	-
RETARDANTE/RETARDER	10
DILUYENTE/THINNER	1, 10
MEDIUM MATE/MAT MEDIUM	1, 10



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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 with water and / or milk eyewash for 20-30 minutes at least. Consult doctor if the irritation persists.

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.



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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 absorbent material (sand, sawdust...). Dispose of absorbed material in accordance with the regulations.

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

Do not discharge into the drains / surface waters / groundwater.

7.- HANDLING AND STORAGE

Package: 17 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: none required under normal use.

Protective gloves: none required under normal use. For techniques requiring continual hand exposure, gloves are recommended.

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:	1.4 - 1.8gr/cc
Viscosity:	2.200 cPs (Brookfield, R4, 100 rpm, 22°C)
pH:	8.0
Solubility in water:	Totally soluble
Drying time:	20-30 minutes
Boiling point:	>100°C (212°F)



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10.- STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected if the following technical instructions storage of chemicals. See section 7. Acid decomposition of cadmium pigments may yield hydrogen sulfide, Selenide gases and toxic cadmium salts in solution. If cadmiums are heated to above 800°C, decomposition to toxic fumes of cadmium oxide, zinc oxide, sulfur dioxide and selenium dioxide will occur.

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.

13.- DISPOSAL CONSIDERATIONS

Disposal in accordance with local regulations. In some countries, incineration is not permitted.
Cadmium pigmented paints should be handled as hazardous wastes.

14.- TRANSPORT INFORMATION

MODEL COLOR is not hazardous product for his 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)



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Classified not hazardous. This product does not require labeling:

Symbols CE: none

R phrases: none

S phrases: none

16.- OTHER INFORMATION

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

MODEL COLOR conforms to ASTM D-4236.

Do not spray. Contains Cadmium.