



ACRYLICOS
VALLEJO, S.L.

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MATERIAL SAFETY DATA SHEET ACRYLIC GOUACHE, FLUID MATT COLORS

I.- PRODUCT NAME AND MANUFACTURER

Product name: ACRYLIC GOUACHE, FLUID MATT COLORS

Serie 1

090 ACRYL.GOUACHE 090 TITANIUM WHITE
077 ACRYL.GOUACHE 077 OLIVE GREEN
081 ACRYL.GOUACHE 081 MARS VIOLET
083 ACRYL.GOUACHE 083 LIGHT BROWN
085 ACRYL.GOUACHE 085 OCHRE
086 ACRYL.GOUACHE 086 GOLDEN OCHRE
087 ACRYL.GOUACHE 087 MARS RED
088 ACRYL. GOUACHE 88 RED OCRE
091 ACRYL.GOUACHE 091 BURNT SIENNA
092 ACRYL.GOUACHE 092 BURNT UMBER
095 ACRYL.GOUACHE 095 MARS BLACK
001 ACRYL.GOUACHE GREY NO.1
002 ACRYL.GOUACHE GREY NO.2
003 ACRYL.GOUACHE GREY NO.3
006 ACRYL.GOUACHE GREY NO.6

Serie 2

012 ACRYL.GOUACHE YELLOW OCRE LIGHT
015 ACRYL.GOUACHE CARNATION PINK
049 ACRYL. GOUACHE 49 RED VIOLET
051 ACRYL.GOUACHE ROSE RED
052 ACRYL.GOUACHE DARK ROSE RED
057 ACRYL.GOUACHE BLUE VIOLET
059 ACRYL.GOUACHE PRUSSIAN BLUE (Hue)
061 ACRYL.GOUACHE ULTRAMARINE DEEP
062 ACRYL.GOUACHE DARK BLUE
063 ACRYL.GOUACHE CERULEAN BLUE (Ftalo)
064 ACRYL.GOUACHE TURQUOISE BLUE
065 ACRYL. GOUACHE 65 CERULEAN BLUE LIGHT
066 ACRYL.GOUACHE ULTRAMARINE LIGHT BLUE
071 ACRYL.GOUACHE VIRIDIAN



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- 072 ACRYL.GOUACHE YELLOW GREEN
- 074 ACRYL.GOUACHE ESMEERALD GREEN
- 075 ACRYL.GOUACHE PERMANENT GREEN

Serie 3

- 021 ACRYL.GOUACHE CADMIUM LEMON YELLOW
- 022 ACRYL.GOUACHE CADMIUM GOLD YELLOW
- 023 ACRYL. GOUACHE 23 CADMIUM YELLOW
- 031 ACRYL.GOUACHE CADMIUM YELLOW DARK
- 032 ACRYL.GOUACHE CADMIUM ORANGE
- 033 ACRYL.GOUACHE CADMIUM ORANGE LIGHT
- 039 ACRYL.GOUACHE CADMIUM LIGHT RED
- 041 ACRYL.GOUACHE CADMIUM VERMILLION
- 042 ACRYL.GOUACHE CADMIUM RED
- 043 ACRYL.GOUACHE CADMIUM RED DEEP
- 045 ACRYL. GOUACHE 45 MAGENTA (PRIMARY)
- 047 ACRYL.GOUACHE 47 CADMIUM VERMILION DARK

Serie 4

- 115 ACRYL.GOUACHE GOLD
- 121 ACRYL.GOUACHE SILVER
- 123 ACRYL.GOUACHE BRONZE
- 125 ACRYL.GOUACHE NEON YELLOW
- 127 ACRYL.GOUACHE NEON RED
- 128 ACRYL.GOUACHE NEON BLUE
- 129 ACRYL. GOUACHE 129 MAGENTA FLUO
- 130 ACRYL. GOUACHE 130 GREEN FLUO
- 170 ACRYL. GOUACHE 170 PHOSPHORESCENT GREEN
- 171 ACRYL.GOUACHE COPPER
- 172 ACRYL. GOUACHE 172 GRAPHITE

Product type and use: Acrylic fluid colors for artist. 35, 200 ml bottle.

Manufacturer: ACRYLICOS VALLEJO, S.L.
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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

3.- COMPOSITION/INFORMATION ON INGREDIENTS

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

Hazardous Components used at levels non-hazardous:

	<i>N° CAS</i>	<i>%WT</i>	<i>OSHA PEL/TWA</i>	
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	Carbon Black	1333-86-4	0.1 - 10%	3.5 mg/m ³
4	CI PO20 (Cadmium Pigment)	12656-57-4	1 - 2%	5 µ/m ³ (as Cadmium)
5	CI PR108 (Cadmium Pigment)	58339-34-7	4 - 12%	5 µ/m ³ (as Cadmium)
6	CI PY35 (Cadmium Pigment)	8048-07-05	3 - 7%	5 µ/m ³ (as Cadmium)
7	Iron Oxide	1309-37-1	4 - 28%	10 mg/m ³
8	Mica	12001-26-2	17 - 25%	3 mg/m ³
9	Propylene Glycol	57-55-6	3.5 - 5%	NE
10	Titanium Dioxide	13463-67-7	0.1 - 35%	10 mg/m ³



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HAZARDOUS COMPONENTS

Serie 1

090	ACRYL.GOUACHE 090 TITANIUM WHITE	1, 2, 9, 10
077	ACRYL.GOUACHE 077 OLIVE GREEN	1, 2, 9, 10
081	ACRYL.GOUACHE 081 MARS VIOLET	7, 9
083	ACRYL.GOUACHE 083 LIGHT BROWN	1, 2, 7, 9, 10
085	ACRYL.GOUACHE 085 OCHRE	1, 9
086	ACRYL.GOUACHE 086 GOLDEN OCHRE	1, 9
087	ACRYL.GOUACHE 087 MARS RED	1, 7, 9
088	ACRYL. GOUACHE 88 RED OCRE	1, 2, 7, 9, 10
091	ACRYL.GOUACHE 091 BURNT SIENNA	1, 2, 7, 9, 10
092	ACRYL.GOUACHE 092 BURNT UMBER	1, 7, 9
095	ACRYL.GOUACHE 095 MARS BLACK	1, 2, 3, 9
001	ACRYL.GOUACHE GREY NO.1	9
002	ACRYL.GOUACHE GREY NO.2	1, 2, 9, 10
003	ACRYL.GOUACHE GREY NO.3	1, 2, 9, 10
006	ACRYL.GOUACHE GREY NO.6	1, 2, 9, 10

Serie 2

012	ACRYL.GOUACHE YELLOW OCRE LIGHT	1, 2, 4, 6, 9, 10
015	ACRYL.GOUACHE CARNATION PINK	1, 2, 4, 5, 6, 9, 10
049	ACRYL. GOUACHE 49 RED VIOLET	2, 6, 9
051	ACRYL.GOUACHE ROSE RED	1, 2, 9, 10
052	ACRYL.GOUACHE DARK ROSE RED	1, 2, 9, 10
057	ACRYL.GOUACHE BLUE VIOLET	1, 2, 9
059	ACRYL.GOUACHE PRUSSIAN BLUE (Hue)	1, 2, 9, 10
061	ACRYL.GOUACHE ULTRAMARINE DEEP	1, 2, 9, 10
062	ACRYL.GOUACHE DARK BLUE	1, 2, 9
063	ACRYL.GOUACHE CERULEAN BLUE (Ftalo)	1, 2, 9, 10
064	ACRYL.GOUACHE TURQUOISE BLUE	2, 9, 10
065	ACRYL. GOUACHE 65 CERULEAN BLUE LIGHT	1, 2, 9, 10
066	ACRYL.GOUACHE ULTRAMARINE LIGHT BLUE	1, 2, 9, 10
071	ACRYL.GOUACHE VIRIDIAN	2, 9, 10
072	ACRYL.GOUACHE YELLOW GREEN	1, 2, 6, 9
074	ACRYL.GOUACHE EMERALD GREEN	1, 2, 9, 10
075	ACRYL.GOUACHE PERMANENT GREEN	1, 2, 9, 10



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Serie 3

021	ACRYL.GOUACHE CADMIUM LEMON YELLOW	2, 6, 9
022	ACRYL.GOUACHE CADMIUM GOLD YELLOW	1, 2, 4, 6, 9
023	ACRYL. GOUACHE 23 CADMIUM YELLOW	1, 2, 4, 6, 9, 10
031	ACRYL.GOUACHE CADMIUM YELLOW DARK	2, 4, 9
032	ACRYL.GOUACHE CADMIUM ORANGE	1, 2, 4, 9
033	ACRYL.GOUACHE CADMIUM ORANGE LIGHT	1, 2, 4, 9
039	ACRYL.GOUACHE CADMIUM LIGHT RED	2, 4, 5, 7, 9
041	ACRYL.GOUACHE CADMIUM VERMILLION	1, 5, 9
042	ACRYL.GOUACHE CADMIUM RED	2, 5, 9
043	ACRYL.GOUACHE CADMIUM RED DEEP	1, 2, 5, 9
045	ACRYL. GOUACHE 45 MAGENTA (PRIMARY)	1, 2, 9, 10
047	ACRYL.GOUACHE 47 CADMIUM VERMILION DARK	1, 2, 5, 9

serie 4

115	ACRYL.GOUACHE GOLD	3, 8, 9
121	ACRYL.GOUACHE SILVER	3, 8, 9
123	ACRYL.GOUACHE BRONZE	3, 8, 9
125	ACRYL.GOUACHE NEON YELLOW	9
127	ACRYL.GOUACHE NEON RED	9
128	ACRYL.GOUACHE NEON BLUE	9
129	ACRYL. GOUACHE 129 MAGENTA FLUO	9
130	ACRYL. GOUACHE 130 GREEN FLUO	9
170	ACRYL. GOUACHE 170 PHOSPHORESCENT GREEN	1, 2, 9
171	ACRYL.GOUACHE COPPER	8, 9
172	ACRYL. GOUACHE 172 GRAPHITE	1, 2, 3, 8, 9

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.



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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 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: 35, 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: 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



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Viscosity:	2.200 cPs (Brookfield, R4, 100 rpm, 22°C)
pH:	7.5 - 8.0
Solubility in water:	Totally soluble
Drying time:	20-30 minutes
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. 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

ACRYLIC GOUACHE is not hazardous product for his transport. (ADR/RID, IMDG, IATA)



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15.- REGULATORY INFORMATION

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

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.

ACRYLIC GOUACHE conforms to ASTM D-4236.

Do not spray. Contains Cadmium.