



## Safety Data Sheet

In compliance with Regulation (EC) n.1907 / 2006 (REACH), Annex II and subsequent amendments introduced by the Regulation of (EU) Commission no.2020/878 – Italy

### **SECTION 1: Identification of the substance or mixture and of the Company**

#### **1.1 Identifier of the product**

**1.1.1 Product name** Polyester powder paint

**1.2.1 Product code** SERIES 6.447-6.457-6.547-6.647-6.666-5.647-5.666 AMAZZONIA-ARTICO-AURORA-COLIBRI-DALI-EFFETTOMETALLICI-ETNA-HAMMERED-HYMALAIA-MATERICI-MATT&GLOSSY BONDED-METALOOK-NATURE-OCEAN-RAME-RIVER-SAHARA-VERANDA-WALLSKY

#### **1.2 Relevant uses of the substance or mixture and uses advised against**

##### **1.2.1 Identified uses**

For industrial use only.

To be used only for application of coatings on metal, with electrostatic guns in ventilated cabins with recovery of waste.

##### **1.2.2 Uses advised against**

Any use other than that described in section 1.2.1 must be authorized in writing by the manufacturer of the product / mixture.

#### **1.3 Information on the supplier of the Safety Data Sheet**

GIColor srl  
Via Tagliamento, 4  
36050 belvedere di Tezze sul Brenta (VI) – Italia  
Tel.:+039-0424-560208  
[info@gicolor.it](mailto:info@gicolor.it) [www.gicolor.it](http://www.gicolor.it)

#### **1.4 Emergency telephone number**

##### **1.4.1 Poison Center**

Country	Name	Telephone	Fax
Milano-Italia	Niguarda	+039-02-66101029	

Operating 24 hours a day

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**2.1.1 Definition of the product:** mixture

**2.1.2 Classification according to Regulation (EC) no. 1272/2008 (CLP)**

Not classified.

This product is not classified as dangerous according to Regulation (EC) 1272/2008 and later changes.

**2.2 Elements on the label**

**2.2.1 Warning:**

No warning

**2.2.2 Indications of danger**

No known significant effects or critical hazards

**2.2.3 Precautionary statements**

**2.2.3.1 Prevention** Not applicable

**2.2.3.2 Reaction** Not applicable

**2.2.3.3 Conservation** Not applicable

**2.2.3.4 Disposal** Not applicable

**2.2.3.5 Supplemental label elements** Safety data sheet available on request

**2.2.3.6 Annex XVII restrictions on manufacturing, placing on the market and Use of certain dangerous substances, preparations and articles** Not applicable

**2.2.4 Special packaging requirements**

**2.2.4.1 Containers to be fitted with child safety lock**

Not applicable

**2.3 Other hazards**

**2.3.1 Other hazards not mentioned in the classification**

Clouds of fine dust can form explosive mixtures with air. The manipulation and / or use of this material can generate dust which can cause mechanical irritation to the eyes, the skin, at the nose and throat.

**SECTION 3: Composition / information on ingredients**

**3.1 Substances** Not applicable

**3.2 Mixtures** Mixture (refer to section 12.5)

Name	N°CE	N°CAS	%W/W	Classification according to Regulation (EC) no.1272/2008(CLP)

There are no additional ingredients present that, to the current knowledge of the supplier and in the applicable concentrations, are classified as harmful to health or the environment, meet the PBT or vPvB criteria, or to which it was assigned a professional exposure limit and should therefore be reported in this section.

## **SECTION 4: Description of first aid measures**

### **4.1 Description of first aid measures**

#### **4.1.1 General**

In case of doubt, contact your doctor. To an unconscious person do not give anything by mouth. If the injured person is unconscious, CALL THE DOCTOR.

#### **4.1.2 Eye contact**

If present remove contact lenses, rinse with plenty of clean and fresh water while keeping the eyelids open: consult your doctor.

#### **4.1.3 Inhalation**

Bring the subject to the open air. In case of non-breathing, irregular breathing or respiratory arrest, CALL THE DOCTOR. Perform artificial respiration ONLY BY TRAINED AND AUTHORIZED PERSONNEL AND CALL THE DOCTOR.

#### **4.1.4 Contact with the skin**

Remove contaminated clothing and shoes. Wash thoroughly with water and neutral soap or use a neutral skin cleanser. DO NOT USE SOLVENTS OR DILUENTS.

#### **4.1.5 Ingestion**

In case of ingestion, immediately consult the DOCTOR and show the safety data sheet or the container or the product label. DO NOT GIVE ANYTHING BY MOUTH. DO NOT INDUCE VOMITING.

#### **4.1.6 Protection of first responders**

Do not interfere in any way with the intervention of first aid operators and any external team. Leave the escape routes free and accessible. Use the Personal Protective Equipment (DPI) required.

### **4.2 Most important symptoms and effects, both acute and delayed**

There are no data available on the mixture itself. The mixture was evaluated according to the method established by the CLP Regulation (EC) 1272/2008. In general, all powder coatings, such as any powder material of significant hardness, may cause irritation, localized or below too tight garments due to rubbing.

### **4.3 Indication of the need to immediately consult a doctor and special treatments**

#### **4.3.1 Notes for the doctor**

In case of inhalation of decomposition products after fire the symptoms can be delayed. It is advisable to keep the exposed person under medical supervision for at least 48 hours.

#### **4.3.2 Specific treatments**

No specific treatment

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **5.1.1 Suitable means**

Sand, foam extinguishers, water spray not under pressure.

#### **5.1.2 Unsuitable means**

Full and high-pressure water extinguishers, high-pressure extinguishers

### **5.2 Special hazards arising from the substance or the mixture**

#### **5.2.1 Dangers arising from the substance or the mixture**

Any fire develops a thick black smoke. Exposure to combustion products can be dangerous to health.

#### **5.2.2 Hazardous thermal decomposition products**

Decomposition products may include carbon monoxide, carbon dioxide, oxides of nitrogen.

### **5.3 Advice for firefighters**

Use water to cool closed containers exposed to fire, the possible formation of smoke and substances such as

carbon monoxide, carbon dioxide and oxides of nitrogen can require the use of self-contained respiratory protective equipment.

## **SECTION 6: Measures in case of accidental release**

### **6.1 Personal precautions, protective equipment and emergency procedures**

#### **6.1.1 For those who do not intervene directly**

Wear appropriate protective equipment to prevent contamination of skin, eyes and personal clothing. Remove ignition sources and ventilate. According to the company emergency procedures, assess whether to evacuate the danger area.

#### **6.1.2 For those who intervene directly**

In case of accidental spillage, keep in mind what indicated in section 8.

### **6.2 Environmental precautions**

Do not dispose of the product in the sewage system and in waterways. In case of contamination of lakes, rivers or waste water inform the competent authorities in accordance with local, provincial, regional and national legislation

### **6.3 Methods and materials for containment and cleaning up**

Any deposits must be collected with a vacuum cleaner equipped with electrical protection or using water and collecting waste into a container in accordance with current legislation (see section 13). DO NOT USE dry brushes for the possibility of creating clouds of dust or static electricity. DO NOT USE compressed air for cleaning.

### **6.4 References to other sections**

Refer to sections 8 and 13

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Take precautions to prevent the formation of dust in concentrations above the limits of professional exposure. Do not eat, drink while using the product. DO NOT SMOKE in the areas of work. Use antistatic gloves, masks and clothing. Store the product in the original package keeping it closed after use.

### **7.2 Conditions for safe storage, including any incompatibility**

Store the product in a dry, cool and well-ventilated place. Keep the product away from heat and direct sunlight. Keep the container tightly closed. Keep away from sources of combustion. Open containers must be carefully resealed and kept straight to avoid accidental spills of the product.

### **7.3 Specific end use**

#### **7.3.1 Recommendations**

For exclusive industrial use

#### **7.3.2 Specific solutions of the industrial sector**

The product must only be used in systems suitable for electrostatic application.

## **SECTION 8: Exposure controls / personal protection**

## **8.1 Control parameters**

### **8.1.1 Occupational exposure limits**

No exposure limit known to the product.

### **8.1.2 DNEL**

Not available

### **8.1.3 PNEC**

Not available

## **8.2 Exposure controls**

### **8.2.1 Appropriate technical controls**

Use ventilation by local extraction or other technical equipment in order to maintain levels in the air below the exposure limit values. In the absence of exposure limit values, general ventilation should be sufficient for most operations. Localized ventilation may be necessary for some operations if general ventilation is not sufficient to guarantee safety for operators.

### **8.2.2 Individual protection measures**

#### **8.2.2.1 Eye / face protection**

If there is a possibility that the particles may cause eye discomfort, use safety glasses with side guards according to EN 166 or equivalent.

#### **8.2.2.2 Protection for the skin**

Wear clothing that covers the body, for hand protection use vinyl gloves (EN374) or nitrile (EN374). In accordance with the measures of hygiene, during the handling of chemicals skin contact should be limited to the minimum.

#### **8.2.2.3 Respiratory protection**

When the possibility exists that the limit values of particle exposure can be exceeded it is recommended to wear a PPE appropriate to the risk situation. In the presence of suspended powders use filter type F2 or FFP2.

#### **8.2.2.4 Thermal hazards**

Not applicable

### **8.2.3 Environmental exposure controls**

See SECTION 7: handling and storage, as well as SECTION 13: Disposal considerations concerning preventive measures of excessive environmental exposure during use and disposal of waste.

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on physical and chemical basic properties**

#### **9.1.1 Appearance**

##### **9.1.1.1 Physical state**

Dusty solid

##### **9.1.1.2 Color**

Varied

#### **9.1.2 Odor**

Odorless

#### **9.1.3 Odor threshold**

Not applicable

#### **9.1.4 pH**

Not applicable

#### **9.1.5 Melting point / freezing point**

Not applicable

**9.1.6 Initial boiling point and boiling range**

Not applicable

**9.1.7 Flash point**

Closed jar. Not applicable

**9.1.8 Evaporation rate**

Not applicable

**9.1.9 Flammability (solid, gas)**

Not applicable

**9.1.10 Upper / lower flammability or explosive limits**

20-70 gr / m<sup>3</sup>

**9.1.11 Vapor pressure**

Not applicable

**9.1.12 Vapor density**

Not applicable

**9.1.13 Relative density (25 ° C)**

1.3-1.7 gr / cm<sup>3</sup>

**9.1.14 Solubility**

Insoluble in hot water / cold water, soluble partially in chlorinated solvents

**9.1.15 Ethanol / water partition coefficient**

Not applicable

**9.1.16 Self-ignition temperature**

> 450 ° C

**9.1.17 Decomposition temperature**

> 600 ° C

**9.1.18 Viscosity**

Not applicable

**9.1.19 Explosive properties**

Not explosive

**9.1.20 Oxidising properties**

Not explosive

**9.1.21 Minimum ignition energy, MIE mJ**

from 5 to 20 mJ

**9.2 Other information**

If the powder is recovered for recycling, the average particle size distribution will suffer variations and this can lead to an un-quantified variation (depending on the recycling conditions, type of system) of the value of MIE.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No specific reactivity data is available for this product or its components

**10.2 Chemical stability**

If the handling and storage conditions recommended in SECTION 7 are met, the product is stable

**10.3 Possibility of hazardous reactions**

No hazardous reactions occur under normal conditions of use and storage

**10.4 Conditions to avoid**

Do not expose to high temperatures due to the possibility that dangerous decomposition products may form

**10.5 Incompatible materials**

Not applicable

**10.6 Hazardous decomposition products**

Under normal conditions of storage and use no dangerous decomposition products are generated. If subjected to high temperatures and in case of fire, products of decomposition

may form such as: carbon monoxide, carbon dioxide, nitrogen monoxide, sulfur dioxide generated by the decomposition of the components of the mixture.

### **SECTION 11: Toxicological information**

#### **11.1 Information on hazard classification according to (EC) Regulation no. 1272/2008**

There are no data available on the mixture. It has been evaluated following the conventional method of the CLP regulation (EC) no. 1272/2008 and subsequent amendments, and it was consequently classified according to the provisions of the CLP Regulation (EC) no. 1272/2008 and subsequent amendments. The powder paints may cause localized irritations in skin folds or under tight clothing.

#### **11.2 Information on other hazards**

Data not available

### **SECTION 12: Ecological information**

#### **12.1 Toxicity**

Data not available

There are no data available on the mixture. It has been evaluated following the conventional method of the CLP Regulation (EC) no. 1272/2008 and subsequent amendments, and it was consequently classified according to the provisions of the CLP regulation no. 1272/2008 and subsequent amendments.

Substance name	No.CAS	No.CE	Endpoint	Value	Species	Method	Exposure time

#### **12.2 Persistence and degradability**

Data not available

Substance name	No.CAS	No.CE	Process	Degradation speed	Time	Method

#### **12.3 Bioaccumulative potential**

Data not available

Substance name	No.CAS	No.CE	BFC	Log KOW	BOD5/COD

#### **12.4 Mobility in the soil**

Data not available

#### **12.5 Results of the PBT and vPvB assessment**

This mixture does not contain any substance evaluated PBT or vPvB

#### **12.6 Endocrine disrupting properties**

Data not available

#### **12.7 Other adverse effects**

No significant effects or critical hazards are known under normal use and storage conditions.

### **SECTION 13: Disposal considerations**

The information contained in this section includes general information and warnings. The product must not be dispersed in the sewage system and in waterways. Residual powder should be disposed of according to municipal, provincial, regional and national laws regarding waste disposal.

If the product is mixed with other products, the original waste code can no longer be applied and a different code must be given to the product to be disposed of as prescribed in the European Waste Catalogue (EWC).

#### **13.1 Waste treatment methods**

##### **13.1.1 Product**

The generation of waste should be limited to the smallest possible quantity better if avoided. The product must be disposed of according to the laws related to the protection of the environment and to waste disposal according to municipal, provincial, regional and national laws. The surplus and non-recyclable products must be disposed of via an authorized waste disposal company. Waste that cannot be treated must not be disposed of in the sewage system. According to current knowledge, the product is not included among the hazardous waste of EU Directive 91/689 / EC and therefore IS NOT DANGEROUS.

##### **13.1.2 Packaging**

The generation of waste should be limited to the smallest amount possible or totally avoided. Waste packaging must be recycled as far as possible. Empty containers must be discarded or refurbished. Dispose of packaging and containers through a company authorized for disposal or recovery according to the provisions of municipal, provincial, regional and national regulations.

##### **13.1.2.1 Classification according to the European Waste Catalogue (EWC)**

<b>Type of packaging</b>	<b>EWC</b>
Paper/Cardboard	<b>15 01 01</b>
Plastic	<b>15 01 02</b>

##### **13.1.3 Special precautions**

Containers and packaging may contain part of the product. Avoid dispersing the material eventually spilled and contact with the ground, waterways, drains and sewers.

### **SECTION 14: Transport information**

		<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA</b>
<b>14.1</b>	<b>UN number or ID number</b>	Not regulated	Not regulated	Not regulated
<b>14.2</b>	<b>UN proper shipping name</b>	Not regulated	Not regulated	Not regulated
<b>14.3</b>	<b>Transport hazard classes</b>	Not regulated	Not regulated	Not regulated
<b>14.4</b>	<b>Packing group</b>	-----	-----	-----
<b>14.5</b>	<b>Dangers to the environment</b>	-----	-----	-----



<b>14.6</b>	<b>Special precautions for users</b>	Always carry the transport with closed containers, stored vertically and secured to the means of transport. Ensure the suitability of the persons performing the transport to intervene effectively in the event of an accident and / or spillage.
<b>14.7</b>	<b>Maritime transport in bulk according to IMO instruments</b>	Not available

### **SECTION 15: Regulatory information**

#### **15.1 Legislative and regulatory provisions on health, safety and environment specific to the substance or mixture**

**EU Regulation (EC) No. 1907/2006 (REACH)** registration, evaluation, authorization and restriction of chemicals

**Directive 2012/18 / EU (SEVESO III)** control of major-accident hazards

**Directive 98/24 / EC** chemical agents at work

**Directive 94/33 / EC** young people at work

**Directive 92/85 / EEC** pregnant workers, workers who have recently given birth or are breastfeeding at work

**Directive 1999/13 / EC and Directive 2004/42 / EC** limitation of emissions of volatile organic compounds

**Directive 1996/62 / EC** assessment and management of ambient air quality

**Directive 2008/105 / EC** environmental quality standards in the field of water policy

#### **15.2 Evaluation of chemical safety**

No chemical safety assessment has been carried out

### **SECTION 16: Other Information**

#### **16.1 Abbreviations and acronyms**

**ADR** European Agreement concerning the International Carriage of Dangerous Goods by Road

**CAS** Number of the Chemical Abstract Service

**EC** European Community

**EWC** European Waste Catalogue

**CLP** Regulation on classification, labeling and packaging; Regulation (EC) No. 1272/2008, amended by the EU regulation 2018/1480

**DNEL** Derived No Effect Level

**GHS** Globally harmonized system

**IATA** International Air Transport Association

**IMDG** International Maritime Code on Dangerous Goods

**KOW** Octanol-water partition coefficient

**UN** Organization of the United Nations

**PBT** Persistent, bioaccumulative and toxic substance

**RID** Regulation on the international transport of dangerous goods by rail

**vPvB** Very persistent and very bioaccumulative

#### **16.2 Restriction of use recommended by the manufacturer**

Powder paint for industrial use only, it is not a product for sale to the public

### 16.3 Relevant phrases (code and complete text as indicated in chapters 2 and 3)

CODE	TEXT
	Not applicable

Classification according to Regulation (EC) No. 1272/2008	Classification procedure
Not classified	

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#### **Notice to the user**

This sheet is drawn up according to REACH (EC) 1907/2006, CLP 1272/2008 and Regulation (EU) no. 2020/878 of the commission of 18/06/2020. The information contained in the Safety Data Sheet is based on our current level of knowledge. Their purpose is to describe our products in terms of safety and health of users, for the respect of the environment in accordance with applicable laws, should not be understood as a guarantee of technical performance or suitability for particular applications. The product must not be used for purposes other than those indicated in Section 1 of the sheet without prior authorization and / or written instructions from the supplier. Since the product does not fall under our direct control, the user is responsible for any improper use, for informing about correct use in compliance with the laws in force on workplace safety and respect for the environment. No responsibility can fall on the supplier for incorrect use of the product.