



ESPECIALIDADES MODERNAS EN TINTAS SINTETICAS Y PLASTICAS

Rondeau 1200. Ramos Mejía, Buenos Aires, Argentina.

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www.pintesint.com

MATERIAL SAFETY DATA SHEET (MSDS)

HEALTH: 2
FLAMMABILITY: 2
REACTIVITY: 1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ink for Screen Printing
Trade Name: VINILPLUS MATE
Code ID: 6007 to 6090 and special colours of the line
with codes of the form E-60**-**
Manufacturer name: PINTESINT SAICyF
RONDEAU 1200 RAMOS MEJIA (1704)
BUENOS AIRES ARGENTINA
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Pigments: 0 % - 50 %
Solvents: 32 % - 70 %
Resins: 8 % - 25 %
Additives: 0 % - 2 %
Inerts: 0 % - 35 %

This line of inks does not contain phthalates as plasticizers.

The following colours are formulated with pigments free of heavy metal

6007 Silver Gloss	6008 Silver Double Side
6010 White	6011 Extra White
6012 White Double-side	6015 White Super Opaque
6019 Grey Double-side	6021 Yellow Non-toxic
6040 Vinyl Varnish Bronze	6041 Vinyl Varnish Base
6043 Crystal Vinyl Varnish	6055 Red Non-toxic
6060 Green	6070 Royal Blue
6071 Blue Reddish	6072 Ultramarine Blue
6073 Violet	6080 Brown
6090 Black	6052 Red

3. HAZARDS IDENTIFICATION

MAIN RISKS

Combustible
Toxic fumes
Irritating



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GENERAL HEALTH EFFECTS

The possible health effects of this product are based on the hazards associated with its ingredients. The use of this product in combination with other products may produce cumulative effects on health. Caution labels and material safety data sheets used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapour or mist can cause moderate or severe irritation, including burning, tearing, redness, or swelling.

SKIN

Repeated and prolonged contact with the skin may cause dermatitis, allergic reaction, drying and / or fissures (cracking in the skin).

INHALATION

Vapours may cause irritation of the respiratory tract. Symptoms range from headache and drowsiness to nausea, dizziness and intoxication in cases of high concentration.

INGESTION

Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Pregnant women and people with medical conditions should consult their doctor before using this product. Repeated and prolonged overexposure and / or individual sensitivity may increase the risk and level of adverse health effects.

4. FIRST-AID MEASURES OF ASSISTANCE

EYES

Wash eyes for at least 15 minutes. If irritation persists, get appropriate medical attention.

SKIN

In case of contact, immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. It is suggested to use cold water at first to prevent the pores of the skin from opening. This will minimize the area and time of contact with the skin. Then warm water can be used to ensure that all contaminants have been removed. The skin should be controlled for possible redness or chemical burns. It is suggested to use a mild soap so as not to damage the skin and thus prevent the chemicals from penetrating the pores during cleaning. Obtain medical attention if irritation persists or significant contact has occurred. Wash clothing and shoes thoroughly before reusing.

INHALATION

Move person to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel. Get medical attention immediately if there is difficulty breathing.

INGESTION

If swallowed, DO NOT induce vomiting, absorption of liquid hydrocarbons into the lungs may cause pneumonia. Call a poison control centre or doctor immediately. Never give anything by mouth to an unconscious person.



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5. FIRE FIGHTING MEASURES

COMBUSTIBLE

EXTINGUISHING MEDIA

Use CO₂, foam or chemical dust. Use water in the form of mist only to cool containers.

FIRE EXTINGUISHING EQUIPMENT

Wear self-contained breathing apparatus and safety glasses (or goggles) to prevent splashes or contact with vapours. Wear gloves, apron and boots.

SPECIAL METHODS FOR FIRE EXTINGUISHING

Vapours emitted during the fire can be toxic and hazardous.

6. ACCIDENTAL RELEASE MEASURES

Dispose of all sources of ignition (flames, hot surfaces and electrical, static, or frictional sparks). Avoid contact with the product and inhalation of vapours. Ventilate the area.

Contain spill and dispose of with an inert absorbent. Use non-sparking tools to put the material in a suitable container to dispose of. Isolate the risk area and deny entry to unnecessary and unprotected personnel.

7. HANDLING AND STORAGE

Use adequate ventilation, if possible in combination with good extraction. Do not eat or drink during use. Keep away from oxidizing agents; Store in environments below 35 °C (95°F) and with very good air supply. Store in cool, dry areas protected from sunlight. Keep away from sources of ignition - no smoking. Keep containers tightly closed in a well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Wear eye and face protection; protective clothing and appropriate gloves (neoprene or nitrile rubber). Use adequate ventilation, combined with good extraction. Be exposed as little time as possible.

Wash hands before taking a break or leave work. Put on separate work clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Viscosity (25 °C / 77 °F):

Specific Weight:

Solubility:

Flash Point:

Vapour Pressure 25°C (77 °F):

Paste with characteristic odour.

1500 - 10000 cps (Brookfield)

from 0.95 a 1.4 Kg/dm³ ACCORDING TO COLOR

Soluble in organic solvents INSOLUBLE IN WATER

43 °C/109.4 °F (from the main component)

1.7 mm Hg. (from the main component)

Vapour denser than air



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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable: under recommended storage and handling conditions.

CONDITIONS TO AVOID

High temperatures, heat sources and contact with oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May produce hazardous vapours when heat up to decomposition; CO, CO₂ and other harmful gases.

11. TOXICOLOGICAL INFORMATION

The frequent or continuous contact with the skin causes irritation and possible dermatitis.

Ld50 (rats) of the main component 2000mg/kg

12. ECOLOGICAL INFORMATION

Keep product away from sources or watercourses.

13. DISPOSAL CONSIDERATIONS

Follow municipal, provincial and national legal regulations for the elimination of sub-products and waste.
Recommendation: Incinerate. Contaminated containers may be used after cleaning.

14. TRANSPORT INFORMATION

General:	COMBUSTIBLE
Transport Classification:	3
United Nations Number:	1210
Nº IMO:	3.3

15. LEGAL INFORMATION

Hazard Symbol:	F, Xi,
Risk and safety phrases:	R20/21/22 R36/37/38 S20/21 S24/25



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16. OTHER INFORMATION

No additional information

This information only refers to the product mentioned above and should not be valid for other product (s) or for any process. The information is, according to our best correct and complete knowledge. It is provided in good faith but without guarantee. It remains the responsibility of the user that this information is appropriate and complete for the special use of this product.

NOTA IMPORTANTE

- I. Las tintas formuladas por Pintesint SAICyF se deben utilizar exclusivamente con los disolventes y los productos complementarios que ella fabrica para tal fin. Debido a la diversidad de productos en el mercado, la empresa no se responsabiliza por el uso de los mismos de otra procedencia.
- II. Las sugerencias y datos de esta literatura fueron elaborados de buena fe, para orientar al usuario. Recordamos la importancia de comprobar la adaptabilidad de las tintas y de los productos complementarios, mediante la realización de pruebas antes de iniciar la producción. Debido a que las condiciones de empleo de los productos no se encuentran bajo nuestro control, la presente no constituye una garantía sobre los trabajos a realizar.