



MODERN SPECIALTIES IN SYNTHETIC AND PLASTIC INKS

Rondeau 1200. Ramos Mejía, Buenos Aires, Argentina.

Phone: 4654-0060 **Fax:** 4656-1098 **E-Mail:** laboratorio@pintesint.com

www.pintesint.com

MATERIAL SAFETY DATA SHEET (MSDS)

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Emulsions for Screen Printing
Trade Name: ACUAJET 3D
Code: 4527
Manufacturer name: PINTESINT SAICyF
RONDEAU 1200 RAMOS MEJIA (1704)
BUENOS AIRES ARGENTINA
TELEPHONE: (54-11)4654-0060 FAX: (54-11)4656-1098
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Polymeric vinyl: 35 % - 45 %
Polyvinyl alcohol: 5 % - 15 %
Water: 45 % - 55 %
Additives: 1 % - 2 %

3. HAZARDS IDENTIFICATION

NOT FLAMMABLE, SOLUBLE IN WATER

Product generally harmless to people, which can only cause damage by direct and prolonged contact, which is recommended to avoid.

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.

INGESTION

If swallowed, DO NOT induce vomiting. Call poison control centre or doctor immediately. Never give anything by mouth to an unconscious person.



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5. FIRE FIGHTING MEASURES

NOT FLAMMABLE.

EXTINGUISHING MEDIA

Chemical powder. Water in the form of fog.

FIRE EXTINGUISHING EQUIPMENT

Wear self-contained breathing apparatus and safety glasses to prevent splashes or contact with vapours.

Wear gloves, apron and boots.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with the product. Ventilate the area.

Contain spill and dispose of with an inert absorbent. 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; Save in environments below 35 ° C 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:	Paste with characteristic odour.
Viscosity (25 °C / 95 °F):	50000 cps approx. (Brookfield)
Specific Weight:	from 1 Kg/dm ³ approx.
Solubility:	SOLUBLE IN WATER
PH:	6

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.



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HAZARDOUS DECOMPOSITION OR BYPRODUCTS

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

11. TOXICOLOGICAL INFORMATION

Frequent or continuous contact with the skin, causes irritation and possible dermatitis.

12. ECOLOGICAL INFORMATION

Keep product away from sources or watercourses.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

General: **PRODUCT NOT FLAMMABLE.**

	14.1 United Nation Number	14.2 UN Proper name	14.3 Class of Hazardous Transportation	14.4 Packing group	14.5 Environmental Risk
DOT	No data	No data	No data	No data	No data
IMO/IMDG	No data	No data	No data	No data	No data
IATA/ICAO	No data	No data	No data	No data	No data

14.8 Other information

DOT Non-hazardous product

IMDG Non-hazardous product

IATA Non-hazardous product

15. LEGAL INFORMATION

Hazard Symbol:

F, Xi,

Risk and safety phrases:

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.

IMPORTANT NOTE

- I. The inks formulated by Pintesint SAICYF must be used exclusively with the solvents and the complementary products that it manufactures for that purpose. Due to the diversity of products in the market, the company is not responsible for the use of the same from another source.
- II. The suggestions and data of this literature were elaborated in good faith, to guide the user. We recall the importance of checking the adaptability of inks and complementary products by testing before starting production. Due to the fact that the conditions of use of the products are not under our control, the present does not constitute a guarantee on the work to be done.