

Sheet N° 740 Date 19/02/03 Index 1 Index date

1 Identification of the company and the product

1.1 - Identification of the company / emergency phone call

Encres DUBUIT	ZI de Mitry Compans 1 rue Isaac Newton F-77292 Mitry cedex	Information:	Tel: 33 1 64 67 41 60 Fax: 33 1 64 67 11 77 Email: jcmavais@encresdubuit.com
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Phone number for emergency: 33 1 45 42 59 59

1.2 - Identification of the product

Product - Ink jet Varnish 6615
- Ink jet Varnish 6398

Distributed By:
Nazdar
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290
Phone: 1-800-767-9942
www.nazdar.com

1.3 - Use of the product

Application - UV SCREENPRINTING VARNISH FOR INK JET

2 Composition / information about the components

Components being hazardous for the health and/or the environment

Product	%	N° CAS	Symbol(s)	Phrase(s) R
N-vinyl-2-pyrrolydone	16/19	88-12-0	Xn	20/21/22/37/40/41/48-20
Acrylated polymer	57/60		Xi	36/43

3 Hazards identification

Symbol(s) Xn Harmful

Harmful by inhalation, in contact with skin and if swallowed

Limited evidence of a carcinogenic effect

Risk of serious damage to eyes

Harmful: Danger of serious damage to health by prolonged exposure through inhalation

May cause sensitization by skin contact

4 First aid measures

Skin-Eyes: Irrigate copiously with clean, fresh water for at least 10 minutes, holding eyelids apart, seek medical advice.

In case of UV ink splash, remove contaminated clothing, wash skin with soap and water, avoid sunlight or other UV light sources. Do not use solvents and thinners.

Inhalation: Remove to fresh air. If breathing stopped or irregular, administer respiration. Give nothing by mouth.

If unconscious, place in recovery position and seek medical advice.

Ingestion: If swallowed, do not induce vomiting, obtain immediate medical attention.

5 Fire fighting measures

Extinguishing media:	Recommended:	Foam, CO2 powders, waterspray
	Not to be used:	Waterjet

Special measures to be taken : - Cool closed containers with waterspray

in the course of fire fighting

- Do not allow run-off to enter drains and water courses. In case of flowing,
- advise the appropriate authority

6 Accidental release measures

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- Personal protection: - Eliminate sources of ignition and ventilate the area
- Do not breathe the vapours (see 7 and 8)
- Avoid direct contact with the eyes and skin
- Ecological protection: - Do not allow to enter drains and water courses.
- Conform to the applicable legislation
- Clean-up procedures - Contain and collect spillage with no-combustible absorbent materials e.g. sand, earth, in a container, wash with detergent, avoid using solvents
- Dispose of the residue according to the applicable legislation

7 Handling and storage

- Handling - Before handling, refer to chapters 3/8/11
- Do not drink, do not eat and do not smoke
- Respect the national rules of industrial hygiene
- People having previous skin sensitization should handle the products with care
- Do not breathe the vapour (see § 7 and 8)
- Avoid direct contact with skin and eyes
- Storage - Store in original containers at temperature between 15-35°C in a dark, dry, well ventilated area, the opened cans should be tightly closed
- Isolate from sources of ignition

8 Exposure controls / personal equipment

Personal protection equipment: MASK GLOVES GLASSES

Barrier creams may give added protection but only apply before exposure to product. You can use disposable gloves
Further recommendations: Vapour extraction at the working place or acceptable ventilation in the working area

9 Physical and chemical properties

State	-	PASTY	Flash Point (closed cup)	-	> 95 °C	pH:	-	ND
Solubility in water	-	INSOLUBLE	Density	-	> 1	Viscosity	-	ND
Température:	of auto-inflammation:	-	> 240 °C					
	of fusion:	-	ND °C					
	initial distillation:	-	ND °C					

10 Stability and reactivity

The preparation is stable within the handling and storage conditions recommended in chapter 7
The preparation curing under UV contain products which should become unstable (exo-thermic curing reactions) under the following conditions: - Long exposure under temperature superior to 40°C

- Long exposure to sun light and UV rays
- Packaging materials: - Use only the original containers or same nature. Keep them closed and store upright
- Hazardous reactions with: - Oxidising agents, acids and alkaline materials

11 Toxicological information

No experimental information are available for this preparation. The above mentioned information refer to the products included into this preparation. This information come from trials made by our suppliers.

The components included into this preparation may be hazardous: For example, the acrylated components of the UV curing inks have got irritating properties. Long contact to skin or mucous membranes may cause allergic reactions

- Eyes: - HIGHLY IRRITANT
-
Skin: -
-
Ingestion: -
-
Inhalation: -
-

12 Ecological information

No information is available for this preparation. The under mentioned information refer to the products included into this preparation. This information come from trials made by our suppliers. Do not into drains or water courses. Respect the local regulations regarding this product.

13 Disposal considerations

Do not into drains or water courses
Wastes and opened/empty containers should be disposed of in accordance with all applicate regulations in force.

Ecological information: -

14 Transport information

ONU N° Type Sea/road

ONU N° Type Air

Sea	Code IMDG:	Class:	Packaging gp:	Label:
Air:		Class:	Packaging gp:	Label:
Road: Figure + letter:		Class:	Packaging gp:	Label:

Dangerous products

15 Regulatory information

Product'st labelling Xn Harmful

Contains

N-vinyl-2-pyrrolydone

- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
- R40 Limited evidence of a carcinogenic effect
- R41 Risk of serious damage to eyes
- R48/20 Harmful: Danger of serious damage to health by prolonged exposure through inhalation
- R43 May cause sensitization by skin contact

- S23 Do not breave vapour
- S26 In case of contact with eyes, rinse immediatly with water and seek medical advice
- S27 Take off immediatly all contaminated clothing
- S39 Wear eye/face protection

16 Other information

This materiel safety data sheet has been in accordance with directives: 91/155 - 2001/58 - 1999/45 - 2001/59 - 67/548 2001/60The informations contained are based on the present state of our knowledge regarding the concerned product, at the indicated date. Beside, the user must be aware of the possible risks incurred when a product is used out of what it has been developped for. All the regulations mentionned are only used for helping the receiver to fulfil its obligations when using an hazardous product. This enumeration must not be considered as complete and should not prevent the receiver from making sure that any other obligation must be respected by him according to other laws which are not mentionned here regarding the possession and handling of the product fot which he is responsible on his own.

Acknowledgement of receipt Sheet N° - 740 Date 31/08/2004

Ink jet Varnish 6615
Ink jet Varnish 6398

Company stamp	Signature	ENCRES DUBUIT ZI de Mitry Compans 1 rue Isaac Newton 77292 Mitry cedex
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