

Ingredients data sheet in accordance with 2001/58/EC

Smart-Art color company

Page 1/3.

1. Identification of the substance/and company

Trade name : DeFine Inks®

Identification of the company : Smart-Art color company
Schagen
The Netherlands
Europe

Field of application : Tattoo ink

2. Composition/information on ingredients

Pharma Organic pigments in aqueous dispersion containing :

Demineralized water, Glycerine, Alcohol.

Chemical characterization and color index codes for pigments used in Define inks®

CI code

Black	CI 77266
Tribal black	CI 77266
Shading grey	CI 77266 , CI 77891
Red	CI 12370 , CI 77891
Dark Red(bloodred)	CI 51319 , CI 12370 , CI 12490 , CI 77891
Mega Magenta	CI 12490 , CI 77891
Piggy Pink	CI 12370 , CI 77891
Orange	CI 71105 , CI 77891 , CI 12370
Dark Orange	CI 71105 , CI 12490 , CI 77891
Blue concentrate	CI 74160
Blue	CI 74160 , CI 77891
Light Blue	CI 74160 , CI 77891
Green	CI 74260 , CI 77891
Green concentrate	CI 74260
Light Green	CI 74260 , CI 77891 , CI 11710
Violet concentrate	CI 51319
Violet	CI 51319 , CI 77891
Light Violet	CI 51319 , CI 77891
Brown	CI 12510 , CI 77891
Dark Brown	CI 12510 , CI 77891
Light yellow	CI 11710 , CI 77891
Golden Yellow	CI 11680 , CI 77891
Turquoise	CI 74160 , CI 74260 , CI 77891
Blue Lagune	CI 74160 , CI 74260 , CI 77891
White	CI 77891

Ingredients data sheet in accordance with 2001/58/EC

Smart-Art color company

Page 2/3

3. Hazards Identification

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to humans.

4. First aid measures

After contact with skin

In case of contact with skin wash off with soap and water

After contact with eyes

In case of contact with eyes rinse thoroughly with warm water

5. Fire fighting measures

Suitable extinguishing media

water

foam

carbon dioxide

sand

Special hazards from substance itself, it's combustion products or from it's vapours in the event of fire the following can be released.

Carbon monoxide (CO)

Nitrogen oxides (NOx)

Copper oxides

Carbon dioxide (CO₂)

Sulphur dioxide (SO₂)

Sulphur oxides

Hydrogen chloride (HCl)

Special protective equipment for firefighting

Use self-containing breathing apparatus

6. Accidental release measures

Methods for cleaning up/taking up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust)

7. Handling and storage

Advice on protection against fire and explosions

No special measures necessary

Further information on storage conditions

Protect from heat- sensitive to frost- Thickening when frozen- will be back to normal when back to normal room temperature

Storage stability: storage period 18 months unless gamma sterilized

Ingredients data sheet in accordance with 2001/58/EC

Smart-Art color company

Page 3/3

8. Physical and chemical properties

Form:	Thickly viscous
Odour:	Slight pleasant original odour (alcohol)
Boiling point:	Not determined
Density:	1,1-1,4 g/cm ³ (20°C)
Viscosity (dynamic)	200-1,500 mPa.s (23°C)

9. Stability and reactivity

Thermal decomposition : > 100°C

10. Toxicological information

Acute oral toxicity:	LD50 > 2000 mg/kg (rat) considered non toxic to humans
Irritant effect on the skin:	Non-irritant (rabbit)
Irritant effect on eyes:	Non-irritant (rabbit eye)
Sensitization	Non sensitizing (guinea pig) Method : OECD 406

11. Transport information

Special measures :	No special measures necessary
ADR	Not restricted
ADNR	Not restricted
RID	Not restricted
IATA	Not restricted