



FLASHING  
COLORS  
TATTOO INKS

## I Max International Srl

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### \*\* MATERIAL SAFETY DATA SHEET: Finished Product\*\*

#### SECTION 1 - SUBSTANCE/PRODUCT & COMPANY IDENTIFICATION

**TRADE NAME:** Flashing Colors

**NAME OF COLOUR:** Refer to “Ingredient Sheet” list of ingredients for each specific color

**PRODUCT:** Body Tattoo Color, Flashing Colors

**DESCRIPTION:** Aqueous Dispersion of pigments manufactured only for use in applications for body tattoo. **The product should NOT be used around the eye area.** This product complies with ResAP2008-1 for professional use. Safety profile in accordance with EC Regulation 1907/2006 REACH.

**APPLICATION DATE:** March 1st, 2013, Version 2.0

**RESPONSIBLE FOR PLACING THE PRODUCT ON THE MARKET:** I Max International S.r.l.

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#### SECTION 2 – INGREDIENTS COMPOSITION/INFORMATION

**Chemical description / chemical characteristics of the product:** Concentrated dispersion of Pigment in hydro alcoholic solution of purified water and glycerin.

##### Ingredients:

Refer to “Ingredient Sheet” list of ingredients for each specific color

##### Substances / hazardous ingredients in the preparation:

Chemical name: Isopropyl Alcohol CAS 67-63-0 EINECS 200-661-7

Xi, R 36 (irritating to eyes)

F, R 11 (highly flammable)

R 67 (inhalation of vapors may cause drowsiness and dizziness)

#### SECTION 3 - HAZARDS IDENTIFICATION

The product is not considered to be a hazardous substance. Product classification: no health and environmental risk according to the current legislation.

**Adverse Effects:** For the characteristics of the components, the preparation when correctly used does not show any adverse effects, except for any allergic reactions in susceptible individuals. The manufacturer recommends color and skin patch test. Do not use in the eye area.

**Adverse effects to human health:**

Under normal conditions of use and in the form in which it occurs, the product has no harmful properties for human health.

**Eye contact:** due to presence of alcohol, contact with eyes may cause eye momentary irritation.

**Skin contact:** this product may cause irritation or allergic dermatitis in people with sensitive skin.

**Accidental ingestion:** Ingestion of significant amounts of product may cause nausea and / or vomiting.

**Inhalation:** In case of proper and normal use, there are no specific risks for inhalation.

**Adverse effects in the environment:**

Under normal conditions of use and in the form in which it occurs, the product has no dangerous properties for the environment.

**In the formulation absence of substances classified as dangerous for the environment.**

## SECTION 4 - FIRST AID MEASURES

For the type of substances contained the preparation does not require specific measures, with the exception of accidental contact with eyes due to the presence of isopropyl alcohol.

**EYE CONTACT**

Rinse with plenty of water lifting eyelids periodically for at least fifteen minutes. Seek medical attention in the event that redness or irritation occurs.

**SKIN CONTACT**

In case of contact with skin, wash thoroughly with soap and water. Remove severely contaminated clothing. Seek medical attention in the unlikely event that skin irritation occurs (redness etc.).

**INHALATION**

Presence in small amounts of isopropyl alcohol, which may cause drowsiness and dizziness (in the event of prolonged exposure to vapors). There is no information of any other negative effect after inhalation of the preparation. Remove to fresh air. Get medical attention if breathing is difficult or lung irritation is present.

**INGESTION**

Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**FLAMMABILITY DATA**

Flash Point (OC) Not Available

**Flammable limits**

Autoignition temperature: no data

Dust cloud ignition temperature: no data

Dust layer ignition temperature: no data

**Extinguishing media**

Material is not combustible, but if involved in a fire use extinguishing agents that are suitable to the surrounding fire.

**Extinguishing agents which must not be used for safety reasons**

No prescription.

**Special hazards arising from exposure to substance or preparation, from combustion products and from arising gases**

If product is involved in a fire, irritating fumes may be released.

### **Special fire-fighting procedures**

There are no special measures required. Approved Self-contained breathing apparatus and full protective clothing / equipment recommended: helmet, coat, trousers, boots and gloves.

### **NFPA ratings**

Health: 1

Flammability: 0

Reactivity: 0

### **HMIS ratings**

Health: 1

Flammability: 0

Reactivity: 0

### **HMIS and NFPA Ratings:**

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

### **Personal precautions**

Ensure sufficient supply of air / ventilation. Avoid inhalation and contact with eyes. Remove any people who are not involved in the intervention operations. Secure possible source of ignition and avoid dusting. Stop the leak of product.

### **Environmental precautions**

Prevent contamination of groundwater, waterways and soil with appropriate tools or absorbing materials: Absorb with earth, dry sand, vermiculite or other absorbent material that is not combustible.

### **Methods for drainage**

Remove by mechanical means or absorb or cover with earth, dry sand, diatomaceous earth or other non-combustible material and transfer everything into a suitable container for later disposal startup (non-hazardous special waste CODE CER 080112, paint and varnish waste).

## **SECTION 7 – HANDLING AND STORAGE**

### **Handling**

No special measures required. Implement existing legislation on health and safety at work.

### **General Recommendations**

Avoid any type of spillage or leakage. Do not leave open containers. Handle under aseptic conditions. Keep away from sources of heat and direct sunlight. Keep pristine, keep uncontaminated do not add foreign substances in the bottle. **Period after opening: use product within 12 months after opening.**

### **Recommendations to prevent the risk of fire and explosion**

No special requirements

Flash point: Product is not flammable

Autoignition Temperature: not significant

### **Recommendations to prevent toxicological risks**

For exposure controls and personal protection measures, refer to section 8.

### **Recommendations to prevent contamination of environment:**

Product classification: no risk for the environment. Always avoid any spillage into the environment. Special attention to cleaning water. In case of accidental spillage, follow the instructions in section 6.

### **Storage**

Keep out of the reach of children. Store away from direct sources of heat, ignition or electricity sources. To avoid spillage, the containers that have been opened must be carefully resealed and placed in a vertical position.

Storage class: no prescription

Interval between temperature: min: 5.°C, max: 32.°C

Heat of combustion: non-combustible material

Incompatible materials: Keep away from oxidizing agents, from strongly alkaline materials and strong acids.

### **Conservation**

Keep away from heat sources. Avoid direct solar radiation. Avoid extremes temperature (heat, light, humidity). Store away from food and beverages. Empty containers may contain product residue and must be handled appropriately. Position containers so that labeling information is visible. **Use within 12 months when opened.**

**Type of packing:** plastic, according to the provisions in force, UN approved.

**Specific uses and / or special uses:** For special use of product, refer to specific information or contact the technical service. For use of this product there are no specific recommendations other than those already mentioned.

## **SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS**

There has been no evidence of health effects for this product, nor would it anticipate the occurrence of these health effects when the product is used under normal conditions. Observe the usual precautionary measures for handling chemicals.

### **Exposure limits**

There are no exposure limits established because the product does not contain hazardous substances.

### **Respiratory protection**

Not required.

### **Hand protection**

The glove material has to be impermeable. (The choice of hand PPE must be made on the basis of its better resistance to chemicals, considering results of tests in accordance with EN 374.).

Use latex gloves, neoprene, nitrile, PVC vinyl.

### **Eye Protection**

If needed, use safety glasses with side shields made of acetate.

### **Skin Protection**

For skin protection wear apron or other full protective working clothing.

### **Environmental exposure controls**

Please comply with any national or Community provisions for environmental protection depending on the mode of use of product in the various environmental compartments.

### **Effects**

Excessive exposure to airborne dust (in case the liquid pigment gets dry out in the form of powder) may reduce the visibility and / or cause unwanted accumulations in the eyes, ears and nose. Injury to the skin or mucous membrane may occur by direct mechanical action or by rigorous skin cleaning necessary for removal of pigment.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL APPEARANCE: liquid, semi-liquid.

COLOR: no data

ODOR: slight alcoholic

pH: no data

BOILING POINT: no data

FLASH POINT: no data

VAPOR PRESSURE: not applicable

RELATIVE DENSITY: no data

SOLUBILITY: mixable

VISCOSITY: no data

## SECTION 10 - STABILITY AND REACTIVITY

### **Conditions to avoid**

If used according to specifications product decomposition does not occur.

In addition to the expressly stated, there is no information that under certain conditions hazardous reactions will occur in the event of release to the environment. Temperatures of 100 °C or over will boil liquid away.

### **Incompatibility**

Do not allow the product to come into contact with: acids, bases, oxidants, diluents or any other specific substance which may cause a dangerous reaction, if not explicitly stated in the technical bulletins.

### **Hazardous decomposition products**

In addition to the stated, there is no knowledge of substances that can form in dangerous quantities due to decomposition of product.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### **GENERAL**

Under normal conditions of use and in the form in which it occurs, the product is not harmful for the human health.

In the formulation presence of isopropanol, classified irritating to the skin and for which there is the following exposure limits:

Component: Isopropyl alcohol

ACGIH-TLV: 400 ppm

OSHA-PEL: 400 ppm

### **Eye contact**

Accidental Direct eye contact may cause abrasion and irritation. Corneal injury may occur.

### **Inhalation**

Formulated with isopropyl alcohol that may cause drowsiness and dizziness after prolonged exposures.

### **Ingestion**

There is no specific information, based on experience or scientific research, of toxicological effects caused by ingestion of the substances contained in the product.

Get immediately medical attention.

### **Skin contact**

There is no specific information, based on experience or scientific research, of toxicological effects due to skin contact of substances contained in the product.

In presence of particularly sensitive individuals irritation, dermatitis or allergic reaction may occur.

### **CHRONIC(LONG-TERM)TOXICITY**

No known published data available and no adverse effects expected.

Sensitization: Data not established for this product

Chronic Toxicity: Data not established for this product

Reproductive Toxicity: Data not established for this product

### **MUTAGENICITY**

No mutagenic effects known or expected.

## **SECTION 12 – ECOLOGICAL INFORMATION**

### **General**

The product, for the type of substances contained is not classified as dangerous for the environment and does not cause any significant ecological effects when released in the environment, with particular reference to the inhibition of the activity of microorganisms, accretion, biodegradability and persistence.

### **Eco-Toxicity**

The product has no significant inhibitory effects on micro-organisms, and under proper conditions it can be transferred to plants for sewage treatment.

### **Mobility**

The product does not contain substances dangerous for the environment and for which there are specific information about their distribution, known or supposed, in environmental compartments or relevant data about their absorption / desorption.

### **Persistence and degradability**

The product does not contain substances dangerous for the environment and for which there are specific information about their ability to degrade in relevant environmental circumstances through biodegradation or other processes such as oxidation or hydrolysis.

### **Potential for bioaccumulation**

The product does not contain substances dangerous for the environment and for which there are specific information about their ability to accumulate in biota and pass through the food chain, with reference to the Kow and BCF.

### **Other adverse effects**

There is no specific information based on experience or scientific research for which the product could contribute to ozone depletion, photochemical ozone creation, global warming.

## **SECTION 13 - DISPOSAL CONSIDERATION**

### **General**

This product can be disposed of in accordance with all applicable national and regional regulations. Before being landfilled or destroyed product container must be recycled or be used as recovery of materials after bonification.

## SECTION 14 - TRANSPORT INFORMATION

### Transport classification according to ADR / RID, IMDG / IMO and ICAO / IATA

**Regulations ADR / RID:** no prescription because product classification is free from risk and free of solvents

**Regulation IMDG / IMO:** no prescription because product classification is free from risk and free of solvents

**Regulation ICAO / IATA:** no prescription because product classification is free from risk classification and free of solvents

Ministry of Transport USA SHIPPING NAME (49 CFR 172.101-102) .....: Not regulated  
Ministry of Transport USA HAZARD CLASS (49 CFR 172.101-102) ..... : None  
Ministry of Transport USA LABEL.....: None  
Ministry of Transport USA PLACARD ... : None  
BILL OF LADING DESCRIPTION .....: Pigments NOI  
CERCLA SUBSTANCE (49 CFR) .....: Not regulated  
REPORTABLE QUANTITY (RQ).....: None

### INTERNATIONAL

UN/NA NUMBER..... : Not regulated

IMDG/IACO CLASSIFICATION .....: Not regulated

IATA CLASSIFICATION .....: Not regulated

## SECTION 15 - REGULATORY INFORMATION

### REACH directives - 1907/2006

#### **OSHA Hazard Communication Standard Status**

This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

#### **SARA Title III**

Section 302 (EHS)..... : no

Section 311/312 (Acute) .....: no

#### **RCRA**

Not regulated as a hazardous waste under RCRA.

#### **Information on the label**

- Product name
- Product composition
- Lot number
- Expiration date
- Period after opening

## SECTION 16 – OTHER INFORMATION

For more information contact Product Safety at

**I Max International S.r.l.**

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**The information provided in this safety data sheet were found primarily by consulting the following sources:**

- National Toxicology Program (NTP)- U.S. Department of Health and Human Services
- NIOSH -Registry of Toxic Effects of Chemical Substances
- SAX -Dangerous Properties of Industrial Materials (7th ed.)

The information and recommendations contained herein is based on data considered accurate and has been compiled from sources believed to be reliable and represent the most reasonable opinion on the subject when the MSDS was prepared.

However, no warranty is expressed or implied regarding the accuracy of these data or the results obtained from the use of the product.

This data sheet is not meant to be a all-inclusive document on worldwide hazard regulations.

This information is provided in good faith.

Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent exposures, property damage or release to the environment. I Max International S.r.l. assumes no responsibility for the personal injury or property damage caused by the material. Users assume all risks associated with the use of the material.

**Information added, deleted, or modified as a result of the review of the safety data sheet**

This edition of safety data sheet replaces all previous versions, in all respects.

Revision Date: 01/03/2013

Previous versions: Version 1.0, February 2011

Product specifications valid from 01/03/2013

Version: 2.0

Date of Print: 01/03/2013



# Flashing Colors

## Ingredient Sheet

Lista degli ingredienti

<b>Color Name / Nome Del Colore</b>	<b>Ingredients</b>
FLASHING CARBON BLACK	Aqua, Isopropyl Alcohol, Shellac, Propylene Glycol, C.I 77266
FLASHING FROST WHITE	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891
FLASHING ICE GREY	Aqua, Isopropyl Alcohol, Polysorbate 20, Shellac, Propylene Glycol, Hydrated Silica C.I 77266-77891
FLASHING NAVY BLUE	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica, C.I 74160
FLASHING SEA BLUE	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-74160
FLASHING AZZURRO	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-74160
FLASHING AQUA	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-74160-74265
FLASHING TEAL	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-74160-74265
FLASHING FOREST GREEN	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 74160-21108-77891
FLASHING LEAF GREEN	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 74265-13980
FLASHING LIME GREEN	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 13980-74265
FLASHING EXTREME VIOLET	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 74160-73915-77891
FLASHING INDIGO VIOLET	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 74160-73915-77891

<b>Color Name / Nome Del Colore</b>	<b>Ingredients</b>
FLASHING LAVENDER	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 74160-73915-77891-21108
FLASHING WILD PINK	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-73915
FLASHING HOT PINK	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-12475
FLASHING MAGENTA	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-73915
FLASHING ORANGE RED	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 21160-12475
FLASHING NEON ORANGE	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 21160-13980
FLASHING CRIMSON RED	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 12475
FLASHING FLAMENCO RED	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 12475-13980
FLASHING CANARY YELLOW	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 13980-77891
FLASHING AMBER YELLOW	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 13980-21108
FLASHING SUNSET YELLOW	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 13980-21108-21160
FLASHING VENETIAN BROWN	Aqua, Isopropyl Alcohol, Polysorbate 20, Hydrated Silica C.I 77891-77266-12475-21108