

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **T-Print™ Textile Pigment Ink**
This MSDS is for the colors of cyan, magenta, yellow, black and white.

Product Use: Inkjet printing ink

Company Information:
 Standard Coating Corporation
 461 Broad Ave.
 Ridgefield, New Jersey USA 07657

Phone: Product, Safety, Health and Environment Information 201-945-5058
 8:30am to 5:00pm M-F USA

Transportation and Medical Emergency CHEMTREC: 1-800-424-9300 (24 hrs. USA)
 International calls 1-703-527-3887 (collect)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of pigments in aqueous media.
 Hazardous ingredient: Hazards shown below refer to named substance.

Material	CAS Number	%
Treated Color Pigment	**	1-5%
Water	7732-18-5	30-80%
Titanium Dioxide	13463-67-7	0-10%
Amorphous Silica	112926-00-8	0-5%
Binder component (Polyacrylate)	**	5-30%
Humectant	**	5-30%

Components: ** The specific identity for each component not identified by a CAS Registry Number is withheld as a trade secret.

3. HAZARDS IDENTIFICATION

Overview: A colored liquid.

Potential Environmental Effects: No significant environmental hazards are expected if material is released to the environment.

Caution: Avoid skin and eye contact.

THIS PRODUCT CAN BE USED SAFELY WHEN USED AS DIRECTED AND WHEN APPLICABLE SAFETY PRECAUTIONS ARE FOLLOWED.

4. FIRST AID MEASURES

General First Aid

Seek medical advice if any symptoms arise apparently due to contact with this product.

Skin contact

After contact with skin, flush skin with plenty of water or soap and water. If irritation persists, or there is any sign of tissue damage, seek medical advice. Remove contaminated clothing and wash before re-use.

Eye contact

In case of contact with eyes flush eyes immediately with plenty of water for at least 15 minutes. Seek medical advice.

Inhalation

If symptoms due to inhalation are observed, remove person to fresh air. If symptoms persist, seek medical advice.

Ingestion

If swallowed, rinse mouth with plenty of water and give water to drink. Do not induce vomiting. Seek medical advice.

5. FIRE FIGHTING MEASURES

General fire-fighting

This product is not considered a fire hazard.

Extinguishing media

Waterspray, foam, dry chemical, CO₂.

Special exposure hazards

May decompose if involved in a fire, releasing irritant/toxic fumes.

Protective Equipment

Under fire conditions wear full protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal protection

Contact with skin and eyes should be avoided. Wear impervious gloves and safety glasses or goggles.

Environmental protection

It is not anticipated that this product poses any significant environmental hazards. However, as a matter of good practice, prevent entry of liquid into sewers and water ways.

Disposal

Absorb with sand or earth and place in container for safe disposal. Containers should be sealed and labelled. Flush away any traces which cannot be recovered by other means with copious amounts of water, and detergent if available. Remove container of waste material to disposal site.

7. HANDLING AND STORAGE

Handling

Follow proper standards of industrial hygiene. Avoid contact with skin and eyes.

Storage

Container should be kept sealed and stored in cool dry conditions.
Avoid temperatures above 40°C and below 5°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No exposure guidelines have been established for this product.

Exposure controls

No exposure guidelines have been established for this product. Engineering measures, such as the provision of local exhaust ventilation or containment, should always be taken before personal protection equipment is necessary.

Personal protection

Respiratory protection

Respirators are not needed for normal use.

Hand protection

Liquid resistant gloves are recommended to minimise skin contact.

Eye protection

Wear suitable eye protection such as splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying of the material.

Skin protection

If there is a potential for significant dermal/skin contact wear appropriate impervious clothing and gloves.

Environmental exposure controls:

This product should be used in accordance with national and international regulations and following the principles of BAT (Best Available Technique). See also section 16.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Low viscosity Liquid

Color: Cyan/Magenta/Yellow/Black/White

Odor: Faint

Ph: 7-10

Boiling point/boiling range: 90-100°C

Melting point/melting range: not applicable

Flash point: not applicable

Flammability: not applicable

Autoflammability: not applicable

Explosive properties: none known

Oxidizing properties: none known

Vapour pressure: not known

Relative density: 1.0-1.13g/cm³

Water solubility: miscible

Fat solubility: not known

Partition coefficient(n-octanol/water): not known

10. STABILITY AND REACTIVITY

Stability of substance

Stable under normal conditions.

Conditions to avoid

Avoid temperatures above 40°C and below 5°C

Materials to avoid

Strong reducing agents.

Oxidizing agents such as chlorates, bromates and nitrates

Hazardous decomposition products

The substances arising from the thermal decomposition of this product cannot be accurately predicted. Any fumes are potentially irritant/toxic and suitable protection should be worn.

11. TOXICOLOGICAL INFORMATION

General toxicology

This information has been determined by consideration of the toxicological data for the components and for analogous products.

Skin contact

May cause slight irritation.

Acute dermal toxicity: no data available.

Eye contact

May cause slight irritation.

Not classified by the conventional method.

Inhalation

No data available.

Ingestion

No data available.

12. ECOLOGICAL INFORMATION

General ecological information

The contamination of rivers and soil should be avoided.

Mobility

The pigment in this dispersion is virtually insoluble in water. It will be largely removed from waste water in biological effluent treatment plants by filtration and absorption. It will accumulate in the resulting sludge, which should be treated accordingly.

Persistence

No data available.

Ecotoxicity

No data available.

Ecological information on ingredients

Colored ink: Acute toxicity to fish, Limit test LC50:>100 mg/L
Activated Sludge Respiration Inhibition: EC50:> 1000 mg/L

13. DISPOSAL CONSIDERATIONS

Product disposal

Removed material and / or unwanted product should be disposed of in accordance with local regulations.

Disposal of unclean containers

Consider local reuse or recycling. If this is not possible, dispose of as for product.

14. TRANSPORTATION INFORMATION

(not meant to be all inclusive)

This product is not classified as dangerous for transport.
Keep separated from foodstuffs.

DOT (Domestic Surface, U.S. A.)	Not regulated
ICAO/IATA (AIR)	Not regulated
IMO/IMDG (OCEAN)	Not regulated

15. REGULATORY INFORMATION

(not meant to be all inclusive)

All ingredients are TSCA listed.
Prop 65: None

16. OTHER INFORMATION

Other information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulation.

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

*MSDS Contact Information:
Product stewardship director
Standard Coating Corporation
461 N. Broad Ave.
Ridgefield, NJ 07657 USA*