

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

ITW Trans Tech
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Carol Stream, IL 60188

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Product name: **Ink-411 Ink Series**

Product Use Description: silicone ink for pad printing

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
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None

This product contains Methylpolysiloxanes, which can generate Formaldehyde at approximately 300F (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin, eye, and throat irritant, is toxic and a potential cancer hazard.

HMIS RATING:	FLAMMABILITY: 1	REACTIVITY: 0	HEALTH: 1
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3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Very low toxicity expected. A likely laxative.
Skin Contact: None expected.
Inhalation: None expected due to very low vapor pressure.
Eye Contact: May irritate.

4. FIRST AID MEASURES

Ingestion: Seek medical attention if adverse symptoms noted.
Skin: Remove with dry towel, then wash with soap and water.
Eyes: Rinse 15 minutes with running water. Seek medical attention if irritation persists.
Inhalation: Seek fresh air if needed.
Other: Not applicable.

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5. FIRE FIGHTING INFORMATION

Flash Point (Method): > 205°F (Setaflash)
Flammability Class: None.
Flammability Limits in Air: Not available.
Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products CO, CO₂, SiO₂, H₂CO
Special Fire Fighting Notes: Like all silicones, SI-165 Black Ink can produce formaldehyde when strongly heated in air.

6. ACCIDENTAL RELEASE MEASURES

Pick up spilled material with absorbent clay, then wash area thoroughly with water and detergent. Spilled material is very slippery.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and prolonged skin contact.
Storage: Store in cool (<40C) closed and dry containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.

Personal Protective Equipment

Eyes: Safety glasses.
Skin: Rubber or plastic gloves as desired.
Inhalation: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Flowable paste.
Odor: Very slight.
Boiling Point: Will not boil.
Vapor Density (air = 1): There is negligible vapor pressure.
Specific Gravity: 1.1
Solubility in Water: None.

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10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Decomposition Products: Only in fire conditions, see section 5.
Materials to Avoid: None.
Conditions to Avoid: None – keep tightly sealed to avoid contamination.

11. TOXICOLOGICAL INFORMATION

See section 3.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with state and local regulations.

14. TRANSPORT INFORMATION

IATA SHIPPING NAME: Not regulated.
DOT SHIPPING NAME: Not regulated.
DOT HAZARD CLASS: None.
UN/ NA Number: None.

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS: This material or all of its contents are listed on the Toxic Substances Control Act (TSCA).
SARA TITLE III / CERCLA SECTION 302 EXTREMELY TOXIC: This material contains no Extremely Hazardous Substances (EHS).
SECTION 304 CERCLA HAZARD: This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.
SECTION 311 / 312 HAZARD CLASS: This material does not meet any of the five hazard criteria and is not required to be included in Tier I or II reports.
SECTION 313 TOXIC CHEMICALS: This material and its contents are not listed or required to be included in any Toxic Chemical Release Inventory (TRI) reports.

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16. OTHER INFORMATION

We believe the above information is correct as of the date of this data sheet. However, as this information and the conditions under which the product are used are beyond the control of Trans Tech, it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.

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Trusted Partner for Your Product Decorating Needs

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