

MATERIAL SAFETY DATA SHEET

Thermochromic Plastisol Ink Bis A Free

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MSDS105 Revision 1
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1. PRODUCT AND COMPANY IDENTIFICATION

Product name Thermochromic Plastisol Ink Bis A Free

Description An ink consisting of a Thermochromic pigment dispersed in a plastisol base.

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Intended use Manufacture of temperature-indicating products and temperature-sensitive decorative effects.

2. HAZARDS IDENTIFICATION

Statement of Hazard

Main Hazards No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS#
Formaldehyde...% (Formaldehyde)	0-0.5%	50-00-0

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation May cause irritation to mucous membranes. Move the exposed person to fresh air.

Ingestion May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.
Fire hazards Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area.
Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values

Formaldehyde...%
(Formaldehyde)

ACGIH TLV TWA: -
Notations: SEN; A2
OSHA PEL 8hr TWA
mg m3: -

ACGIH TLV STEL: C 0.3 ppm
OSHA PEL 8hr TWA ppm: -
Skin Designation: -

Appropriate engineering controls Ensure adequate ventilation of the working area.
Individual protection measures Wear chemical protective clothing.
Eye / face protection Approved safety goggles.
Skin protection – Hand protection Chemical resistant gloves (PVC)

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Paste.
Color Various colors according to type.
Odor Characteristic

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

Further information No constituent has yet been assigned a risk phrase pertaining to ecological effects (R50 to R59) or the symbol N.

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

Further information The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Formaldehyde...%	Y	Y	Y 0.1	Y	N	Y	Y	Y 500	Y 100

16. OTHER INFORMATION

Statement of Hazard

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

TSCA

All components are TSCA compliant.

HMIS LABELLING

HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0 PERSONAL PROTECTION: B .