

**MATERIAL SAFETY DATA SHEET**

MSDS Name: A-594-5 INVISIBLE BLUE PIGMENT

Revision Date: 01/12/07  
Page Number: 1 of 6**SECTION I - PRODUCT AND COMPANY INFORMATION**Product Name: A-594-5 INVISIBLE BLUE PIGMENT  
CAS Number: MIXTURE  
HMIS Rating: Health: 1 Fire: 1 Reactivity: 0Company Identification: DAY-GLO COLOR CORP.  
4515 SAINT CLAIR AVENUE  
CLEVELAND OH 44103Telephone/Fax: (216) 391-7070 (216) 391-7751  
Chemtrec (24 hr. Emergency) (800) 424-9300Product Class: SYNTHETIC ORGANIC COLORANT  
Trade Name: INVISIBLE BLUE PIGMENT  
Product Code: A-594-5**SECTION II - INGREDIENT AND HAZARD INFORMATION**

Ingredient Name	CAS Number	Percent
(No hazardous ingredients known at this time.)		

**SECTION III - HAZARDS IDENTIFICATION****EYE CONTACT**

May cause irritation.

**SKIN CONTACT**

May cause irritation.

**INHALATION HAZARDS**

Outgassing of formaldehyde vapors can be irritating.

**INGESTION HAZARDS**

Small amounts swallowed are not likely to cause injury. Not a hazard in normal industrial use.

**TARGET ORGANS**

No organs affected.

**CANCER HAZARDS**

This product contains less than 0.1% free formaldehyde and may be capable of outgassing formaldehyde at levels in excess of OSHA's Action Level under some conditions of use. Formaldehyde is a

## MATERIAL SAFETY DATA SHEET

MSDS Name: A-594-5 INVISIBLE BLUE PIGMENT

Revision Date: 01/12/07

Page Number: 2 of 6

---

potential cancer hazard. Long term exposure may result in dermatitis or respiratory sensitization for sensitive individuals.

### SECTION IV - FIRST AID MEASURES

#### EYE CONTACT

Immediately flush with water for at least 15 minutes while holding eyelids open. Call a physician.

#### SKIN CONTACT

Practice good industrial hygiene. Wash with soap and water.

#### INHALATION

Remove to fresh air. Treat symptoms. Call a physician.

#### INGESTION

Do not induce vomiting. Give water. Call a physician.

### SECTION V - FIRE-FIGHTING MEASURES

Flammability Class	NA
Flash Point:	None
Explosive Range:	None
	None

#### FLAMMABLE PROPERTIES

During a fire, irritating and toxic gases may be formed. Do not breathe smoke or fumes. Wear suitable protective equipment.

#### EXTINGUISHING MEDIA

Use dry chemical, alcohol foam, carbon dioxide or water spray when fighting fires involving this material.

#### FIRE FIGHTING INSTRUCTIONS

Keep unnecessary people away. Isolate area. Stay upwind. Wear self-contained breathing apparatus.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

#### CONTAINMENT

This material is hydrophobic and should be prevented from entering the sewer system.

#### CLEAN-UP

Place in an appropriate recovery or salvage drum for disposal.

---

## MATERIAL SAFETY DATA SHEET

MSDS Name: A-594-5 INVISIBLE BLUE PIGMENT

Revision Date: 01/12/07

Page Number: 3 of 6

### CERCLA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (TITLE III)

This is not a regulated material under 40 CFR 117, 302. Notification of spills is not required.

#### EVACUATION

Not normally necessary. Refer to your organization's Release Response Procedures.

## SECTION VII - HANDLING AND STORAGE

#### HANDLING

Use in a well-ventilated area. Improper handling may lead to dust cloud formation which, as with any organic dust, may be an explosion hazard.

#### STORAGE

Store in a dry area.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
-----------	-------------	------------	-----------	----------

Although no exposure limit has been established for this product, the OSHA PEL for nuisance dust of 15 mg/m<sup>3</sup> total dust and 5 mg/m<sup>3</sup> respirable dust is recommended. In addition, the ACGIH TLV for nuisance dust is 10 mg/m<sup>3</sup>.

#### ENGINEERING CONTROLS

General ventilation is recommended. Additional local exhaust ventilation is recommended where dusts, mists, or vapors may be released.

#### RESPIRATORY PROTECTION

A NIOSH approved respirator with a combination formaldehyde/HEPA cartridge is recommended.

#### PERSONAL PROTECTIVE EQUIPMENT

Where contact is likely, chemical resistant gloves and safety glasses or goggles are recommended.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder
Appearance/Color:	Colorless
Odor:	Pungent
Solubility (in water):	Insoluble

## MATERIAL SAFETY DATA SHEET

MSDS Name: A-594-5 INVISIBLE BLUE PIGMENT

Revision Date: 01/12/07

Page Number: 4 of 6

---

Boiling Range: None  
Evaporation Rate: Non Volatile

Vapor Density: Non Volatile

% Volatile Weight: 0.%.  
% Volatile Volume: 0.%.  
Weight/Gallon: 11.41  
VOC: None

### SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

#### CONDITIONS TO AVOID

Heat, sparks, and open flame.

#### INCOMPATIBILITIES

Strong oxidizers.

#### HAZARDOUS DECOMPOSITION PRODUCTS

In the event of combustion, oxides of carbon, nitrogen and sulfur will be formed.

### SECTION XI - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity (albino rats): LD50 >16,000 mg/kg  
Acute Inhalation (albino rats): LC50 >4 mg/l (4 hours)  
Acute Dermal Toxicity (albino rats): LD50 >23,000 mg/kg

### SECTION XII - ECOLOGICAL INFORMATION

No studies have been conducted on this product.

### SECTION XIII - DISPOSAL

Dispose of in accordance with local, state, and federal regulations.

### SECTION XIV - TRANSPORT INFORMATION

UN Number: NOT REGULATED  
Packaging Group:  
Hazard Class:  
Shipping Name:

---

**MATERIAL SAFETY DATA SHEET**

MSDS Name: A-594-5 INVISIBLE BLUE PIGMENT

Revision Date: 01/12/07

Page Number: 5 of 6

**SECTION XV - REGULATORY INFORMATION****SARA TITLE III SECTION 313:**

This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act.

**CALIFORNIA PROPOSITION 65 (CARCINOGEN)**

This product contains a chemical known to the state of California to cause cancer.

Ingredient Name	CAS Number
-----------------	------------

FORMALDEHYDE	00050-00-0
--------------	------------

**OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200**

This product is not considered hazardous as defined.

**SARA SECTIONS 311 AND 312**

Reporting of this product is not required.

**TOXIC SUBSTANCES CONTROL ACT (TSCA)**

All components in this product are listed, or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) 8(b) Inventory.

**CLEAN WATER ACT**

This product contains no ingredients regulated by the Clean Water Act.

**CLEAN AIR ACT**

This product contains no ingredients regulated by the Clean Air Act.

**HAZARDOUS AIR POLLUTANTS (HAPS)**

This product contains no Hazardous Air Pollutants (HAP's).

**CLEAN AIR ACT AMMENDMENTS (ODS)**

No DAY-GLO product contains an ozone depleting substance (ODS), nor are any of our products manufactured with them.

**COALITION OF NORTHEAST GOVERNORS (CONEG)**

This product is in compliance with CONEG (i.e., total cadmium, chromium, lead and mercury < 100 ppm).

**FDA 21 CFR**

DAY-GLO Color Corp. products are not listed by the FDA for use under 21 CFR since potential applications are so numerous that specific applications must be submitted to the FDA for inclusion in the 21 CFR FDA listing.

**MATERIAL SAFETY DATA SHEET**

MSDS Name: A-594-5 INVISIBLE BLUE PIGMENT

Revision Date: 01/12/07  
Page Number: 6 of 6**SECTION XVI - OTHER INFORMATION****LABEL INFORMATION**

A-594-5 - INVISIBLE BLUE PIGMENT

HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0

PRECAUTIONS: Contains less than 0.1% formaldehyde a potential Cancer Hazard. May outgas to levels above OSHA's action level with possible respiratory sensitization. Use & store with adequate ventilation. As with most organic dusts there is a possible dust explosion hazard with ignition source.

FIRST AID: EYES: Flush with water for 15 minutes. SKIN: Wash with soap and water. INGESTION: Give water, do not induce vomiting. Call a physician.

FIRE FIGHTING USE: Water spray, dry chemical, foam or CO2 (Toxic fumes emitted on burning).

SPILL CONTROL: Sweep up and dispose according to local, state and federal regulations.

CONTAINS: RESIN CAS NO. OR NJ TSRN:  
39277-28-6

TARGET ORGANS: NO ORGANS AFFECTED.

MATERIAL V.O.C.: NONE

CALIFORNIA PROP 65: This product contains a component known to the state of California to cause cancer: Formaldehyde (50-00-0).

NOTE - Additional information is available from your Employer & the Material Safety Data Sheet.

**DISCLAIMER**

The information contained herein is believed to be accurate, but is not warranted. Nothing contained herein constitutes a specification, nor is it intended to warrant suitability for the intended use.