

# SAFETY DATA SHEET

5/31/2015

## SECTION I - IDENTIFICATION

**Material Name**

HIGGINS INKS

**Product Number**

HIGGINS

**Manufacturer Information**

Chartpak Inc.  
1 River Road  
Leeds, Massachusetts 01053  
Phone: 1-800-628-1910  
Fax: 1-413-587-0499  
Email: lab@chartpak.com

For transportation emergencies only call: 1-888-786-0972  
For health emergencies call a Poison Control Center

## SECTION II - HAZARDS IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Hazardous to the Aquatic Environment - Acute - Category 1  
Skin Sensitization - Category 1

**GHS Label Elements****Symbol(s)****Signal Word(s)**

Danger

**Hazard Statement(s)**

Very toxic to aquatic life

**Precautionary Statement(s)****Prevention**

Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

Wash contaminated clothing before reuse. Collect spillage. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

## SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

| <b>Ingredient</b>             | <b>CAS #</b> | <b>PEL/TLV<br/>(MG/M#)</b> | <b>Max<br/>% Weight</b> | <b>NTP</b> | <b>IARC</b> |
|-------------------------------|--------------|----------------------------|-------------------------|------------|-------------|
| AMMONIUM HYDROXIDE            | 1336-21-6    | N/A                        | 3.00000                 | N          | N           |
| BENZISOTHIAZOLINONE           | 2634-33-5    | N/A                        | 0.71000                 | N          | N           |
| POLYETHOXYLATED BETA NAPHTHOL | 35545-57-4   | N/A                        | 0.96700                 | N          | N           |
| ANILINE DYE                   | 62-53-3      | N/A                        | 1.15200                 | N          | N           |

## SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. If skin contact occurs, wash with soap and water for 5 minutes. If swallowed, get prompt medical attention.

## SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A  
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE  
EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED  
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

## SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

## SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

## SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED  
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): When using wear impermeable protective gloves.  
WORK/HYGIENE PRACTICES: Avoid skin contact. Wash hands immediately after use. Keep away from eyes. Avoid ingestion.  
ENGINEERING CONTROLS: **KEEP OUT OF REACH OF CHILDREN.**

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
SPECIFIC VAPOR DENSITY (AIR=1): N/A SPECIFIC GRAVITY: N/A  
SOLUBILITY IN WATER: N/A REACTIVITY IN WATER: NON-REACTIVE

## SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: NONE  
STABILITY: STABLE CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

## SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: SKIN IRRITANT. EYE IRRITANT. MAY BE HARMFUL BY INGESTION OR BY SKIN CONTACT. MAY BE HARMFUL IF SWALLOWED.  
CONTACT MAY RESULT IN IRRITATION OF THE SKIN.

The summated LD50 is 20691 mg/kg.

The summated LC50 is 46512 mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

## SECTION XII - ECOLOGICAL INFORMATION

### **Aquatic Hazard Statement(s)**

Very toxic to aquatic life

## SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION XIV - TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

## SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS

NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):

BASIC RED 1

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

DIRECT BLUE 86

FOOD YELLOW 3

OLEIC ACID

PROPYLENE GLYCOL

SODIUM METASILICATE

TRIETHANOLAMINE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

AMMONIUM HYDROXIDE

BASIC RED 1

BENZENEMETHANAMINIUM, N-ETHYL-N-[4-[[4-

CAMPBOR

PIGMENT WHITE 6

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:  
NONE

Under CPSC's consumer product regulations (16CFR1500.3 and 1500.14), this product has the following required acute and chronic hazard labeling:

**WARNING:MAY BE HARMFUL BY INGESTION OR BY SKIN CONTACT, OR IF SWALLOWED. SKIN IRRITANT. EYE IRRITANT.**

**Contains: ANILINE DYE, POLYETHOXYLATED BETA NAPHTHOL**

**PRECAUTIONS:**Avoid skin contact. Wash hands immediately after use. When using wear impermeable protective gloves. Keep away from eyes. Avoid ingestion. **KEEP OUT OF REACH OF CHILDREN.**

**FIRST AID TREATMENT:**If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care. If skin contact occurs, wash with soap and water for 5 minutes. If swallowed, get prompt medical attention.

For acutely hazardous products, the name and place of business of the manufacturer, packer, distributor or seller must appear on the label. A US telephone # to obtain more information is recommended but not required.

## **SECTION XVI - OTHER INFORMATION**

**LAST REVISION DATE: 05/31/2015**

**Prepared by Duke OEM Toxicology**

## COLOR INFORMATION

THIS SDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

| Product Color                       | SKU | Hazardous Ingredient          |
|-------------------------------------|-----|-------------------------------|
| HG0000 INK PEN CLEANER              |     | (NONE)                        |
| HG0200 NEUTRAL GREY DRAWING         |     | (NONE)                        |
| HG0500 SUPER WHITE                  |     | (NONE)                        |
| HG0502 WHITE DRAWING                |     | POLYETHOXYLATED BETA NAPHTHOL |
| HG1000 INK BASE FP INDIA            |     | ANILINE DYE                   |
| HG1002 FADEPROOF BLACK              |     | (NONE)                        |
| HG1004 SEPIA                        |     | (NONE)                        |
| HG1006 ETERNAL                      |     | (NONE)                        |
| HG1008 ENGROSSING                   |     | (NONE)                        |
| HG1014 INDIGO DRAWING               |     | (NONE)                        |
| HG1016 WATERPROOF BLACK DRAWING     |     | (NONE)                        |
| HG1018 NON WATERPROOF BLACK         |     | (NONE)                        |
| HG1020 BLACK MAGIC                  |     | (NONE)                        |
| HG2000 RED PIGMENTED                |     | (NONE)                        |
| HG2002 DARK RED CARMINE             |     | (NONE)                        |
| HG2004 RED VIOLET MAGENTA PIGMENTED |     | (NONE)                        |
| HG2008 RED DRAWING                  |     | (NONE)                        |
| HG2010 RED VIOLET DRAWING           |     | (NONE)                        |
| HG2012 BRICK RED DRAWING            |     | (NONE)                        |
| HG2500 RED ORANGE DRAWING           |     | (NONE)                        |
| HG2502 RUSSET DRAWING               |     | (NONE)                        |
| HG3000 BLUE PIGMENTED               |     | (NONE)                        |
| HG3002 BLUE DRAWING                 |     | (NONE)                        |
| HG3600 TURQUOISE DRAWING            |     | (NONE)                        |
| HG4000 GREEN DRAWING                |     | (NONE)                        |
| HG4002 GREEN PIGMENTED              |     | (NONE)                        |
| HG4100 LEAF GREEN DRAWING           |     | (NONE)                        |
| HG5000 YELLOW PIGMENTED             |     | (NONE)                        |
| HG5002 LIGHT YELLOW PIGMENTED       |     | (NONE)                        |
| HG5004 YELLOW DRAWING               |     | (NONE)                        |
| HG6000 ORANGE DRAWING               |     | (NONE)                        |
| HG7000 BROWN PIGMENTED              |     | (NONE)                        |
| HG7004 BROWN DRAWING                |     | (NONE)                        |
| HG8000 VIOLET PIGMENTED             |     | (NONE)                        |
| HG8002 VIOLET DRAWING               |     | (NONE)                        |
| HG9100 CARMINE DRAWING              |     | (NONE)                        |
| RL001100 HIGGINS BASE 1             |     | (NONE)                        |

## BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

| <b>Brand Name</b> | <b>SKU</b> |  |
|-------------------|------------|--|
| HIGGINS INKS      |            |  |