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

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Ingredient					
	CAS#	(MG/M#)	% Weight	NTP	IARC
AMMONIUM HYDROXIDE	1336-21-6	N/A	3.00000	$\overline{}$	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
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 VAPOR PRESSURE: N/A SPECIFIC VAPOR DENSITY (AIR=1): N/A SOLUBILITY IN WATER: N/A MELTING POINT: N/A

SPECIFIC GRAVITY: 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

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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-{
CAMPHOR
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 150014), 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

HOD000 INK PEN CLEANER	Product Color	SKU	Hazardous Ingredient
HOG200 NEUTRAL GREY DRAWING	HG0000 INK PEN CLEANER		(NONE)
IGG500 SUPER WHITE IG6902 WHITE DRAWING IG9002 WHITE DRAWING IG1000 INK BASE FP INDIA IG1000 INK BASE FP INDIA IG1000 EPADEPROOF BLACK IG1004 SEPIA IG1006 ETERNAL IG1006 ETERNAL IG1008 ERENGROSSING IG1008 WHITE DRAWING IG1010 WHITE DRAWING IG2000 RED PIGMENTED IG200 WHITE DRAWING IG2000 RED DRAWING IG200 WHITE DRAWING IG2001 WHITE DRAWING IG200 W			(NONE)
IGG502 WHITE DRAWING			(NONE)
HG1000 INK BASE FP INDIA			POLYETHOXYLATED BETA NAPHTHOL
HG1002 FADEPROOF BLACK			ANILINE DYE
IIG1004 SEPIA			(NONE)
HG1008 ENGROSSING			(NONE)
HG1014 INDIGO DRAWING	HG1006 ETERNAL		(NONE)
HG1016 WATERPROOF BLACK DRAWING	HG1008 ENGROSSING		(NONE)
HG1018 NON WATERPROOF BLACK (NONE) HG1020 BLACK MAGIC (NONE) HG2002 RED PIGMENTED (NONE) HG2002 DARK RED CARMINE (NONE) HG2004 RED VIOLET MAGENTA PIGMENTED (NONE) HG2008 RED DRAWING (NONE) HG2010 RED VIOLET MAGENTA PIGMENTED (NONE) HG2010 RED VIOLET DRAWING (NONE) HG2011 RED VIOLET DRAWING (NONE) HG2012 BRICK RED DRAWING (NONE) HG2502 RED ORANGE DRAWING (NONE) HG2503 RED ORANGE DRAWING (NONE) HG3000 BLUE PIGMENTED (NONE) HG3000 BLUE PIGMENTED (NONE) HG3000 TURQUOISE DRAWING (NONE) HG4000 GREEN DRAWING (NONE) HG4000 GREEN DRAWING (NONE) HG4100 LEAF GREEN DRAWING (NONE) HG5000 YELLOW PIGMENTED (NONE) HG5000 YELLOW PIGMENTED (NONE) HG5004 YELLOW DRAWING (NONE) HG5004 YELLOW DRAWING (NONE) HG5000 VIOLET PIGMENTED (NONE) HG5000 VIOLET DRAWING (NONE) HG5000 VIOLET DRAWING (NONE) HG5000 VIOLET DRAWING (NONE) HG6000 DRAW	HG1014 INDIGO DRAWING		(NONE)
HG1020 BLACK MAGIC	HG1016 WATERPROOF BLACK DRAWING		(NONE)
HG2000 RED PIGMENTED	HG1018 NON WATERPROOF BLACK		(NONE)
HG2002 DARK RED CARMINE	HG1020 BLACK MAGIC		(NONE)
HG2004 RED VIOLET MAGENTA PIGMENTED	HG2000 RED PIGMENTED		(NONE)
HG2008 RED DRAWING	HG2002 DARK RED CARMINE		(NONE)
HG2010 RED VIOLET DRAWING	HG2004 RED VIOLET MAGENTA PIGMENTED		(NONE)
HG2012 BRICK RED DRAWING	HG2008 RED DRAWING		(NONE)
HG2500 RED ORANGE DRAWING (NONE) HG2502 RUSSET DRAWING (NONE) HG3000 BLUE PIGMENTED (NONE) HG3000 TURQUOISE DRAWING (NONE) HG4000 GREEN DRAWING (NONE) HG4000 GREEN DRAWING (NONE) HG4000 LEAF GREEN DRAWING (NONE) HG5000 YELLOW PIGMENTED (NONE) HG5000 LIGHT YELLOW PIGMENTED (NONE) HG5004 YELLOW PIGMENTED (NONE) HG6000 ORANGE DRAWING (NONE) HG7000 BROWN PIGMENTED (NONE) HG7000 BROWN PIGMENTED (NONE) HG7004 BROWN DRAWING (NONE) HG8000 VIOLET PIGMENTED (NONE) HG8000 VIOLET DRAWING (NONE) HG8000 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG2010 RED VIOLET DRAWING		(NONE)
HG2502 RUSSET DRAWING	HG2012 BRICK RED DRAWING		(NONE)
HG3000 BLUE PIGMENTED	HG2500 RED ORANGE DRAWING		(NONE)
HG3002 BLUE DRAWING	HG2502 RUSSET 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) HG8000 VIOLET DRAWING (NONE) HG8000 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG3000 BLUE PIGMENTED		(NONE)
HG4000 GREËN DRAWING	HG3002 BLUE DRAWING		(NONE)
HG4002 GREEN PIGMENTED	HG3600 TURQUOISE DRAWING		(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) HG8000 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG4000 GREEN DRAWING		(NONE)
HG5000 YELLOW PIGMENTED	HG4002 GREEN 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)	HG4100 LEAF GREEN DRAWING		(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)	HG5000 YELLOW PIGMENTED		
HG6000 ORANGE DRAWING (NONE) HG7000 BROWN PIGMENTED (NONE) HG7004 BROWN DRAWING (NONE) HG8000 VIOLET PIGMENTED (NONE) HG8002 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG5002 LIGHT YELLOW PIGMENTED		(NONE)
HG7000 BROWN PIGMENTED (NONE) HG7004 BROWN DRAWING (NONE) HG8000 VIOLET PIGMENTED (NONE) HG8002 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG5004 YELLOW DRAWING		(NONE)
HG7004 BROWN DRAWING (NONE) HG8000 VIOLET PIGMENTED (NONE) HG8002 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG6000 ORANGE DRAWING		(NONE)
HG8000 VIOLET PIGMENTED (NONE) HG8002 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)	HG7000 BROWN PIGMENTED		(NONE)
HG8002 VIOLET DRAWING (NONE) HG9100 CARMINE DRAWING (NONE)			· · · · · · · · · · · · · · · · · · ·
HG9100 CARMINE DRAWING (NONE)			
(· · · · · · · · · · · · · · · · · · ·	HG8002 VIOLET DRAWING		(NONE)
RL001100 HIGGINS BASE I (NONE)			· · ·
	RL001100 HIGGINS BASE I		(NONE)

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BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name SKU
HIGGINS INKS

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