



87311-XXXX

**SAFETY DATA SHEET**

4.9.19

**SECTION I - IDENTIFICATION****Material Name**

ADSPECTRA MARKERS

**Company Information**

Chartpak Inc.  
1 River Road  
Leeds, MA 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 the Poison Control Center: 1-800-222-1222

**SECTION II - HAZARDS IDENTIFICATION****Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Serious Eye Damage - Category 1

Flammable Liquid 2

Flammable Liquid 3

Eye Irritation - Category 2

Hazardous to the Aquatic Environment - Chronic - Category 3

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

Danger

**Hazard Statement(s)**

Causes serious eye damage Causes serious eye irritation Flammable liquid and vapour Harmful to aquatic life with long lasting effects Highly flammable liquid and vapour

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

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Keep cool. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Store in a well-ventilated place.

**Response**

Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Rinse skin with water [or shower]. Take off immediately all contaminated clothing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**SECTION III - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

Hazardous Ingredients	CAS/EC #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
DIACETONE ALCOHOL	123-42-2	N/A	42.44000	N	N
AMINO-2-METHYL PROPANOL	124-68-5	N/A	2.00000	N	N
N-PROPANOL	71-23-8	N/A	94.11000	N	N
N-BUTANOL	71-36-3	N/A	9.45000	N	N

**SECTION IV - FIRST AID MEASURES**

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

**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: HIGHLY FLAMMABLE

AUTOIGNITION TEMPERATURE: N/A

**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): NONE REQUIRED  
 WORK/HYGIENE PRACTICES: NONE REQUIRED  
 ENGINEERING CONTROLS: NONE REQUIRED

**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: N/A  
 STABILITY: STABLE CONDITIONS TO AVOID: N/A  
 INCOMPATIBILITY (MATERIALS TO AVOID): N/A  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and smoke

**SECTION XI - TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED

The summated LD50 is 6103.9 mg/kg.

The summated LC50 is 6823.5 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**

<b>Aquatic</b>	<b>Hazard</b>	<b>Statement(s)</b>
		Harmful to aquatic life with long lasting effects

**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**

## INDIVIDUAL MARKERS

U.S. DOT (49 CFR 172.101): Not Regulated  
IATA: Not Regulated  
IMDG: Not Regulated

## BULK LIQUID

U.S DOT (49 CFR 172.101):  
THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.1.1  
IMDG UN number: 1219. Class: 3. Packing group: II LTD. QYT  
IATA : UN number: 1219. Class: 3. Packing group: II LTD. QYT

**SECTION XV - REGULATORY INFORMATION**

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200  
EPA SARA TITLE III CHEMICAL LISTINGS:

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):  
NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):  
NONE

## 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:

1-METHOXY-2-PROPANOL  
BUTANOL  
DIACETONE ALCOHOL  
PROPYLENE GLYCOL

## SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:  
1-METHOXY-2-PROPANOL

BUTANOL  
DIACETONE ALCOHOL  
N-PROPANOL  
PROPYLENE GLYCOL

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

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN FLORIDA'S TOXIC SUBSTANCE LIST:

1-Butanol  
1-METHOXY-2-PROPANOL  
2-Amino-2-methyl-1-propanol  
Diacetone alcohol  
Propyl alcohol

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MAINE'S PRIORITY CHEMICAL LIST:  
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS CONSIDERED BY VERMONT AS BEING OF VERY HIGH CONCERN TO CHILDREN:  
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MASSACHUSETTS HAZARDOUS SUBSTANCE LIST:

1-METHOXY-2-PROPANOL  
2-Amino-2-methyl-1-propanol  
Diacetone alcohol  
N-butyl alcohol  
Propyl alcohol

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MICHIGAN'S CRITICAL MATERIALS REGISTER:  
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MINNESOTA'S HAZARDOUS SUBSTANCES LIST:

1-METHOXY-2-PROPANOL  
Diacetone alcohol  
Propyl alcohol  
Propylene glycol  
n-Butyl alcohol

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:

1,2-Propanediol  
1-Butanol  
1-METHOXY-2-PROPANOL  
1-Propanol  
1-Propanol, 2-amino-2-methyl- 2-  
Pentanone, 4-hydroxy-4-methyl-

Under CPSC's consumer product regulations (16CFR1500.3 and 150014), this product has the following required acute and chronic hazard labeling:

**NONE**

## SECTION XVI - OTHER INFORMATION

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

**LAST REVISION DATE: 4.9.19**

Prepared by Duke OEM Toxicology

**BRAND NAMES**

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name  
 ADSPECTRA MARKERS

**COLOR INFORMATION**

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

Product Color	SKU	Hazardous Ingredient
ANTIQUÉ		(NONE)
ANTIQUÉ WHITE		(NONE)
APPLE GREEN		(NONE)
BASIC GRAY #1		(NONE)
BASIC GRAY #2		(NONE)
BASIC GRAY #3		(NONE)
BASIC GRAY #4		(NONE)
BASIC GRAY #5		(NONE)
BASIC GRAY #6		(NONE)
BEACH		(NONE)
BLACK		(NONE)
BRICK RED		(NONE)
BRIGHT BLUE		(NONE)
BRIGHT GREEN		(NONE)
BURNT ORANGE		(NONE)
BUTTER CREAM		(NONE)
CAMEL		(NONE)
CANARY YELLOW		(NONE)
CARAMEL		(NONE)
CELADON GREEN		(NONE)
CERULEAN BLUE		(NONE)
CHARTREUSE		(NONE)
COLORLESS BLENDER		(NONE)
COOL GRAY 10%		(NONE)
COOL GRAY 20%		(NONE)
COOL GRAY 30%		(NONE)
COOL GRAY 40%		(NONE)
COOL GRAY 50%		(NONE)
COOL GRAY 60%		(NONE)
COOL GRAY 70%		(NONE)
COOL GRAY 80%		(NONE)
COOL GRAY 90%		(NONE)
CORAL PINK		(NONE)
DARK BROWN		(NONE)
DARK GREEN		(NONE)
DARK OLIVE GREEN		(NONE)
DARK UMBER		(NONE)
GRAY LAVENDER		(NONE)
GREEN TOMATO		(NONE)
HONEY YELLOW		(NONE)
HORIZON BLUE		(NONE)
INK BLUE		(NONE)
LATTE		(NONE)
LEAF GREEN		(NONE)

Product Color	SKU	Hazardous Ingredient
LIGHT MAIZE		(NONE)
LIGHT PEACH		(NONE)
LIGHT PERIWINKLE		(NONE)
LIGHT UMBER		(NONE)
LILAC		(NONE)
LIME		(NONE)
LT CERULEAN BLUE		(NONE)
MAGENTA		(NONE)
NAVY BLUE		(NONE)
OLIVE		(NONE)
ORANGE		(NONE)
PEACH		(NONE)
PEACH BLUSH		(NONE)
PERIWINKLE		(NONE)
PINK		(NONE)
POPPY RED		(NONE)
PURPLE		(NONE)
PUTTY		(NONE)
RED		(NONE)
ROSE PETAL		(NONE)
SAFFRON		(NONE)
SAGE		(NONE)
SALMON PINK		(NONE)
SAND		(NONE)
SEPIA		(NONE)
SHELL		(NONE)
SIENNA		(NONE)
SPICE		(NONE)
SPRING GREEN		(NONE)
STEEL BLUE		(NONE)
STONE		(NONE)
TAN		(NONE)
TAUPE		(NONE)
TEAL GREEN		(NONE)
TERRACOTTA		(NONE)
TRUE BLUE		(NONE)
ULTRAMARINE		(NONE)
VERY BERRY		(NONE)
VIOLET		(NONE)
WALNUT		(NONE)
WARM BLACK		(NONE)
WARM GRAY 10%		(NONE)
WARM GRAY 20%		(NONE)
WARM GRAY 30%		(NONE)
WARM GRAY 40%		(NONE)
WARM GRAY 50%		(NONE)
WARM GRAY 60%		(NONE)
WARM GRAY 70%		(NONE)
WARM GRAY 80%		(NONE)
WARM GRAY 90%		(NONE)
WINE		(NONE)
YELLOW OCHRE		(NONE)