

01-05-04 ✓

18911-XXXX

MATERIAL SAFETY DATA SHEET

Identity: **AD MARKER - STANDARD COLORS & BLENDER**

MSDS #: 00021

Section I

Supplier Information:

Name: **Chartpak**
 Address: **One River Road**
 City: **Leeds**
 State: **MA 01053**

Emergency Telephone Number
413-584-5446
 Telephone Number for Information
413-584-5446
 Chemtrec
1-300-424-9300
 Date Prepared: **March 28, 2003**

Other Information:

NA = NOT APPLICABLE OR NOT AVAILABLE

REVISION: 02

Section II - Hazardous ingredients/Identity Information

Hazardous Components (Spec., Chem., Ident.; Common Name)	OSHA PEL	ACGIH TLV	CAS #	% (opt.)
NONYLPHENOL	NE	NE	25154-52-3	10.0
XYLENE	100PPM	100PPM	01330-20-7	94.0

ABOVE % ARE A MAX. VALUE IN RANGE

V.875

Section III - Physical/Chemical Characteristics

Boiling Point 279.00° F 137.22° F 760.00 MM HG	Specific Gravity (H2O = 1)
Vapor Pressure (mm Hg) 5.10 MM HG 68.00° F 20.00° C	Melting Point NA
Vapor Density (AIR = 1) <1	Evaporation Rate (Butyl Acetate = 1) <1
Solubility in Water NA	

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Appearance and Odor
COLORED LIQUID, AROMATIC ODOR

Other Information

NONE

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) TCC
80°F

Flammable Limits
LEL NA

UEL NA

Extinguishing Media
CARBON DIOXIDE EXTINGUISHER

Special Fire Fighting Procedures
NONE

Unusual Fire and Explosion Hazards
NONE

Other Information
NONE

Section V - Reactivity Data

Stability --> STABLE
Conditions to Avoid
NONE

Incompatibility (Materials to Avoid)
NONE

Hazardous Decomposition or Byproducts
NONE

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Hazardous Polymerization --> **WILL NOT OCCUR**
Conditions to Avoid
NONE

Other Information
NONE

Section VI - Health Hazard Data

Routes of Entry: Inhalation? **YES** Skin? **YES** Ingestion? **NO**

Health Hazards (Acute and Chronic)

**CHARTPAK MARKERS ARE INTENDED FOR USE AS GRAPHIC ARTS PENS
OR ARTIST MARKERS. INTENTIONAL MISUSE OR ABUSE BY CONCENTRATION
OF VAPORS OR BY INGESTION COULD BE HARMFUL OR FATAL.**

Carcenogenicity: NTP? **NO** IARC Monographs? **NO** OSHA Regulated? **NO**

Signs and Symptoms of Exposure
VARIES BUT USUALLY DIZZINESS.

Medical Conditions Generally Aggravated by Exposure
NOT KNOWN

Emergency and First Aid Procedures
WASH EYES AND SKIN WITH COPIOUS AMOUNTS OF WATER.

Other Information
NONE

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Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled
NA

Waste Disposal Method
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS

Precautions to be Taken in Handling or Storage
KEEP IN COOL DRY PLACE.

Other Precautions
NONE

Section VIII - Control Measures

Respiratory Protection (Specify Type)
NA

Ventilation:

Local Exhaust

NA

Mechanical (General)

NA

Protective Gloves

NA

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

NA

Other Information

NA

Special

NA

Other

NA

Eye Protection

NA

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Section IX - Additional Information

Additional Information

**THE INFORMATION PROVIDED ABOVE IS OBTAINED FROM OUR RAW MATERIALS SUPPLIERS
AND TO THE BEST OF OUR KNOWLEDGE IS CORRECT.**