

#25170-25173

Pg. 1

Page 1
MSDS NO CODE: 0014

MATERIAL SAFETY DATA SHEET

DENNISON DIVISION, AVERY-DENNISON INC
1 Clark Hill
Framingham, MA 01701

Revision Date: 11/01/94
Last Revision Date: 02/21/92
Telephone Number: 1-800-252-8379
EMERGENCY MEDICAL TELEPHONE NUMBER: 508/879-0511, X4636

SECTION I PRODUCT IDENTIFICATION

Avery-Dennison Identity: MARK MASTER INKS

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Material Name	CAS #	OSHA PEL	ACGIH TLV
N-PROPANOL ALCOHOL	71-23-8	ppm 200	ppm 200

All of the chemicals listed above are in compliance with OSHA, CFR, 1910.1200.
A finished marker contains a substantially lower percentage by weight of each chemical and has the ink held within an absorbent material so it will be released from the marker only through the writing nib.

SECTION III PHYSICAL DATA

Boiling Point: 208 F	Appearance: COLORED LIQUID
Specific Gravity: .81 @ 20 C	Odor: ALCOHOL
Vapor Pressure (mmHg): 14	Water Solubility: DISPERSABLE
Vapor Density (Air=1): 2.1	Evaporation Rate (Butyl Acetate=1): 1.10
Melting Point: N/AP	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: 74 F Method Used: TCC
Flammable Limits: 2.1-13.5 % Extinguishing Media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedure: SELF CONTAINED BREATHING APPARATUS FOR FIRE FIGHTERS, FLOOD
WITH WATER FROM A SAFE DISTANCE
Unusual Hazards: FLAMMABLE AND MAY BE IGNITED BY HEAT OR FLAME

SECTION V REACTIVITY DATA

Stability: YES
Conditions to avoid: HEAT AND FLAME
Incompatibility: STRONG ACIDS OR BASES, OXIDIZERS, OR HALOGENS
Hazardous Decomposition: CARBON MONOXIDE/OR CARBON DIOXIDE
Hazardous Polymerization: WILL NOT OCCUR

SECTION VI HEALTH HAZARD DATA

Symptoms of overexposure for each potential route of exposure:
Inhaled: EXCESSIVE CONCENTRATIONS OF VAPORS MAY CAUSE IRRITATION OF NOSE AND THROAT,
MAY CAUSE DROWSINESS, DIZZINESS, AND FATIGUE
Eye Contact: DIRECT CONTACT MAY CAUSE EYE IRRITATION, BURNING, TEARING,
REDNESS AND SWELLING

N/AP - Not Applicable N/E - Not Established

Form MSDS7L

25170-25173

Page 2

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 0014 MARK MASTER INKS
DENNISON DIVISION, AVERY-DENNISON INC

Revision Date 11/01/94

SECTION VI HEALTH HAZARD DATA

Symptoms of overexposure for each potential route of exposure: _____

Absorbed thru Skin: DIRECT CONTACT MAY CAUSE REDNESS, BURNING, DRYING, AND
CRACKING OF THE SKIN

Ingestion: N/AP

Health effects or Risks from Exposure _____

Medical Conditions Aggravated by Exposure

Chronic: N/AP

Carcinogenic: NO

This product contains material that are listed on the list below:

NTP: NO

IARC: NO

OSHA: NO

S.A.R.A INFORMATION: This product is not reportable under SARA Title III, Section 313

TOXIC INFORMATION: NON-TOXIC BY INGESTION PER FHSA, TITLE 16, CHAPTER II

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: DIRECT CONTACT, FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF
IRRITATION OR REDNESS DEVELOPS, SEEK MEDICAL ATTENTION

SKIN CONTACT: THOROUGHLY WASH WITH SOAP AND WATER

INHALED: REMOVE TO FRESH AIR, IF SYMPTOMS PERSIST, SEEK MEDICAL
ATTENTION

INGESTION: N/AP

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK Procedures: N/AP

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

STORAGE: STORE IN A COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION

SECTION VIII CONTROL MEASURES

WORK PRACTICES: OBSERVE ORDINARY MEASURES OF PERSONAL HYGIENE

To the best of our knowledge this information is accurate; however, we do not, and cannot
warrant or guarantee its accuracy and cannot be liable for any damages, consequential
or actual which might result from any reliance therein. This MSDS was prepared to comply
with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

N/AP Not Applicable

N/E Not Established