

#56911-56915

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MATERIAL SAFETY DATA SHEET

MSDS NO CODE: 0019

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

Revision Date: 04/30/93
Last Revision Date: 02/21/92
Telephone Number: 508/879-0511, X47
EMERGENCY MEDICAL TELEPHONE NUMBER: 508/879-0511, X463

SECTION I PRODUCT IDENTIFICATION

Avery-Dennison Identity: DRY ERASE MARKER INKS

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Material Name	CAS #	OSHA PEL ppm	ACGIH TLV ppm
ETHANOL	64-17-5	1000	1000
ISOPROPANOL	63-63-0	400	400

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: 148 - 242 F	Appearance: COLORED LIQUIDS
Specific Gravity: 0.793	Odor: ALCOHOLIC ODOR
Vapor Pressure (mmHg): 48 @ 20 C	Water Solubility: N/AP
Vapor Density (Air=1): 1.6	Evaporation Rate (Butyl Acetate=1): 1.9
Melting Point: N/AP	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: 55 F	Method Used: TCC
Flammable Limits: 3-19 %	Extinguishing Media: DRY CHEMICAL, FOAM, CARBON DIOXIDE
Fire Fighting Procedure: WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS AND COOLING CONTAINERS EXPOSED TO HEAT AND FLAME, AVOID SPREADING FIRE	
Unusual Hazards: MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS OR FLAME	

SECTION V REACTIVITY DATA

Stability: YES
Conditions to avoid: STRONG ACIDS OR BASES, OXIDIZING AGENTS
Incompatibility: N/AP
Hazardous Decomposition: CARBON DIOXIDE OR CARBON MONOXIDE
Hazardous Polymerisation: WILL NOT OCCUR

SECTION VI HEALTH HAZARD DATA

Symptoms of over exposure for each potential route of exposure:
Inhaled: BREATHING HIGH CONCENTRATIONS OF VAPORS MAY CAUSE IRRITATION OF NOSE & THROAT, AND MAY CAUSE DROWSINESS, DIZZINESS, OR FATIGUE
Eye Contact: EYE IRRITANT, MAY CAUSE BURNING, TEARING, REDNESS, AND SWELLING

N/AP - Not Applicable

N/E - Not Established

Form MSDS71

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SECTION VI HEALTH HAZARD DATA

Symptoms of over exposure for each potential route of exposure:

Absorbed thru Skin: MAY CAUSE DRYING AND CRACKING OF THE SKIN

Ingestion: N/AP

Health effects or Risks from Exposure

Medical Conditions Aggravated by Exposure

Chronic: NO

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:

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER, IF IRRITATION OR REDNESS DEVELOPS, GET MEDICAL ATTENTION

SKIN CONTACT: WASH WITH SOAP AND WATER, IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION

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

INGESTION: N/AP

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK Procedures: SOAK UP SPILL WITH CLAY OR OTHER ABSORBENT MATERIAL AND DISPOSE

WASTE DISPOSAL: INCINERATE IN A FURNACE WHERE PERMITTED UNDER APPROPRIATE FEDERAL, STATE, AND LOCAL REGULATIONS

STORAGE: KEEP AWAY FROM HEAT AND 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 or actual which might result form any reliance thereon. This MSDS was prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

N/AP Not Applicable

N/E Not Established