

11/16/2006 15:00 FAX 18002838329

MACPHERSONS

001/003

TRIA MARKERS (3 PAGES)

22139-XXXX

MATERIAL SAFETY DATA SHEET
OSHA Hazard Communication
Standard (29 CFR 1910.1200)

SIMILAR TO OSHA FORMS 20 AND 174
US Department of Labor
Printed on 6/01/92 at 15:49:38

Material/Product Identity
Letraset Tria Art Marker

Seq. No. 2
ASTM D4236-89
Certification
Regulatory Status
Rev. No. A
Certified
Product
Not Known to
be Regulated

Various Colors ID # Not Appl.

SECTION I MANUFACTURER'S NAME AND LOCATION

Manufact. Name Letraset USA
Address line 1 40 Eisenhower Drive
Address line 2 Paramus NJ 07653
Address line 3 USA Emerg. Tel. No. (800) 468-6942 USA
Info. Tel. No. (201) 845-6100
Prep. Date 4/30/92
Contact David Pointon
Title Formulation Chemist

SECTION II HAZARDOUS INGREDIENTS/IDENTITY/STANDARDS/CONTENT INFORMATION

Table with columns: Ingredient Listing, CAS No., OSHA PEL, ACGIH TLV, STEL, % COMP. Includes entries for Ethyl Alcohol, Benzyl Alcohol, Dipropylene Gly. ME, Polymers, Surfactant, Organic Dye.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point Not Known Deg. F (Cel)
Melting Point Not Appl. Deg. F (Cel)
Vapor Pressure 38 mm
Evaporation Rate Rapid
Odor Alcohol-Like
Spec. Grav. 0.85
Vapor Density Not Known
Water Solubility Moderate
Appearance Art Marker Pens in Various Pantone Colors

SECTION IV FIRE and EXPLOSION HAZARD DATA

Flash Point 61 Deg. F. (Cel)
Lower Flam. Limit Not Known %
Exting. Medium Water, foam, powder are among acceptable extinguishing agents.
Specialized Fire None. Fighting Proc.
Unusual Fire & Explosion Hazard None.

SECTION V REACTIVITY DATA

Stable (Unstable) Yes
Stable (vs/no) Yes
Incompat. (Avoid) None Known
Haz. Decomp. (v/n) No
Cond. to Avoid. None Known
Conditions Avoid storage in areas of excessive heat.
Haz. Polym. (yes/no) No

Confirm all information prior to use
Abbreviations: Not Applicable N/A.. Not Flammable N/F
Respirable Fraction R
Exposure Limit PEL
The data shown is taken from sources judged to be reliable. The user should judge both the accuracy and the suitability of this information for any intention or purpose. No other warranty is given.
Ceiling Value C
Not Determined N/D
Not Listed N/L
Unknown UNKN
Limit Value TLV
(TLV Reg. TM, ACGIH)

- Item Numbers: 22139-0000, 22139-0729, 22139-1000, 22139-1001, 22139-1002, 22139-1003, 22139-1004, 22139-1005, 22139-1006, 22139-1007, 22139-1008, 22139-1009, 22139-1010, 22139-1011, 22139-1012, 22139-1019, 22139-1020, 22139-1021, 22139-1022, 22139-1029, 22139-1030, 22139-1031, 22139-1032, 22139-1039, 22139-1040, 22139-1041, 22139-1042, 22139-1049, 22139-1050, 22139-1051, 22139-1052, 22139-1059, 22139-1060, 22139-1061, 22139-1062, 22139-1069, 22139-1070, 22139-1071, 22139-1072, 22139-1079, 22139-1080, 22139-1081, 22139-1082, 22139-1089, 22139-1090, 22139-1091, 22139-1092, 22139-1099, 22139-1100, 22139-1101, 22139-1102, 22139-1109, 22139-1110, 22139-1174, 22139-1184, 22139-1193, 22139-1194, 22139-1195, 22139-1200, 22139-1240, 22139-1272, 22139-1284, 22139-1288, 22139-1293, 22139-1294, 22139-1300, 22139-1360, 22139-1366, 22139-1374, 22139-1378, 22139-1380, 22139-1384, 22139-1396, 22139-1464, 22139-1480, 22139-1496, 22139-1561, 22139-1563, 22139-1564, 22139-1596, 22139-1770, 22139-1786, 22139-2019, 22139-2020, 22139-2029, 22139-2039, 22139-2049, 22139-2059, 22139-2069, 22139-2079, 22139-2089, 22139-2099, 22139-2143, 22139-2151, 22139-2163, 22139-2173, 22139-2175, 22139-2185, 22139-2250, 22139-2280, 22139-2281, 22139-2342, 22139-2344, 22139-2374, 22139-2441, 22139-2452, 22139-2465, 22139-2471, 22139-2473, 22139-2474, 22139-2475, 22139-2480, 22139-2542, 22139-2586, 22139-2642, 22139-2676, 22139-2686, 22139-2770, 22139-2786, 22139-3009, 22139-3180, 22139-3184, 22139-3233, 22139-3240, 22139-3250, 22139-3271, 22139-3272, 22139-3278, 22139-3288, 22139-3343, 22139-3350, 22139-3364, 22139-3373, 22139-3378, 22139-3386, 22139-3396, 22139-3450, 22139-3454, 22139-3460, 22139-3461, 22139-3464, 22139-3466, 22139-3471, 22139-3541, 22139-3566, 22139-3651, 22139-3673, 22139-3676, 22139-3751, 22139-3770, 22139-4009, 22139-4141, 22139-4173, 22139-4183, 22139-4184, 22139-4241, 22139-4263, 22139-4265, 22139-4270, 22139-4271, 22139-4288, 22139-4295, 22139-4341, 22139-4351, 22139-4355, 22139-4361, 22139-4363, 22139-4371, 22139-4386, 22139-4454, 22139-4464, 22139-4465, 22139-4566, 22139-4576, 22139-4642, 22139-4651, 22139-4670, 22139-5010, 22139-5163, 22139-5180, 22139-5182, 22139-5191, 22139-5242, 22139-5243, 22139-5270, 22139-5280, 22139-5281, 22139-5282, 22139-5284, 22139-5285, 22139-5342, 22139-5344, 22139-5350, 22139-5374, 22139-5380, 22139-5385, 22139-5444, 22139-5448, 22139-5454, 22139-5462, 22139-5464, 22139-5465, 22139-5470, 22139-5471, 22139-5550, 22139-5551, 22139-5552, 22139-5553, 22139-5554, 22139-5555, 22139-5556, 22139-5558, 22139-5576, 22139-5642, 22139-5651, 22139-5661, 22139-5668, 22139-5670, 22139-5673, 22139-5761, 22139-6150, 22139-6161, 22139-6163, 22139-6174, 22139-6180, 22139-6182, 22139-6185, 22139-6196, 22139-6244, 22139-6254, 22139-6262, 22139-6264, 22139-6280, 22139-6296, 22139-6351, 22139-6353, 22139-6356, 22139-6374, 22139-6376, 22139-6386, 22139-6448, 22139-6451, 22139-6460, 22139-6465, 22139-6475, 22139-6478, 22139-6566, 22139-6573, 22139-6576, 22139-6651, 22139-6661, 22139-7152, 22139-7173, 22139-7182, 22139-7195, 22139-7243, 22139-7246, 22139-7270, 22139-7273, 22139-7278, 22139-7290, 22139-7351, 22139-7352, 22139-7381, 22139-7390, 22139-7451, 22139-7456, 22139-7462, 22139-7464, 22139-7471, 22139-7473, 22139-7542, 22139-7558, 22139-7566, 22139-7576, 22139-7580, 22139-7651, 22139-7652, 22139-7661, 22139-7751, 22139-8171, 22139-8176, 22139-8190, 22139-8245, 22139-8283, 22139-8296, 22139-8364, 22139-8370, 22139-8381, 22139-8383, 22139-8385, 22139-8386, 22139-8454, 22139-8466, 22139-8475, 22139-8476, 22139-8480, 22139-8652, 22139-8658, 22139-8661, 22139-8780, 22139-9175, 22139-9176, 22139-9186, 22139-9193, 22139-9195, 22139-9233, 22139-9275, 22139-9280, 22139-9285, 22139-9290, 22139-9341, 22139-9356, 22139-9366, 22139-9371, 22139-9444, 22139-9461, 22139-9480, 22139-9490, 22139-9566, 22139-9658, 22139-9761, 22139-9780

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002/003

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SECTION VI HEALTH HAZARD DATA

Routes of Entry: Inhalation Yes (but limited due to size and container)
Skin Not Likely in Toxic Amounts Ingest. Yes - Denatured with Bitrex to
deter ingestion.
Health Hazards Inhalation - Alcohols and solvent vapors may be irritant to
the respiratory tract if inhaled at elevated concentrations.
Solvents and Alcohol may produce central nervous system
depression and VAPOR MAY BE HARMFUL. AVOID INHALATION. USE
ADEQUATE VENTILATION WHEN SPRAYING OR PAINTING LARGE AREAS.
Skin - Alcohol may produce dryness and irritation leading to
dermatitis. Benzyl alcohol has been reported to be a
sensitizer. AVOID CONTACT WITH SKIN.
NTP Carcinogen NO IARC Carcinogen NO OSHA Carcinogen NO
Signs/Symptoms Eye and skin irritation possible with prolonged contact with
of Exposure ink or use in confined or poorly ventilated spaces. While not
likely with markers, inhalation exposure may lead to dizziness
and incoordination due to alcohol and solvent.
Medical Conditions None Known
to Avoid
First Aid If dizziness occurs, move to fresh air. If contact with eyes
occurs, rinse carefully with clear water for 15 minutes. See a
physician immediately.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Not applicable to markers.
Waste Disp Dispose in accordance with local regulations for products
containing small amounts of flammable liquid.
Precautions Use with adequate ventilation. Avoid exposure to fire
and flame.
Other Precautions None Known.

SECTION VIII CONTROL MEASURES

Resp. Protect. Not usually required but NIOSH approved respirator may be
used.
Local Exhaust Yes
Spec. Local. Exh. Not usually required except in spray applications.
Mech. Exhaust Local or room exhaust suggested. Explosion proof motor.
Other Mech. Exhaust Not specifically suggested.
Protect. Gloves Yes to avoid skin contact.
Eye Protect Chemical goggles or face shield to avoid splash.
Protect. Clothing Artist's smock or impervious apron (application dependent)
Work Practices Keep markers and ink containers closed when not in use.
OR AIR BRUSH WITHOUT ADEQUATE VENTILATION. AVOID
INHALATION OF MIST OR SPRAY.

LABEL STATEMENTS:
Acute Toxicity Signal Word 1 No Acute Health Labeling Required
Acute Phrase 1
Acute Phrase 2
Acute Phrase 3
Chronic Toxicity No Chronic Health Label Warning Required.
Chronic Phrase
Chronic Phrase
Chronic Phrase

ASTM D4236 Conforms to ASTM D4236-89
Assurance

Confirm all information prior to use
Abbreviations: Not applicable N/A.. Not Flammable N/F Ceiling Value C
Not Determined N/D
Not known N/K Not Listed N/L
Respirable Fraction R Unknown UNKN
Permissible Exposure Limit PEL ACGIH Threshold Limit Value TLV
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003/003

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Various Colors

Not Appl.

Manufact. Name Letraset USA
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Address line 2 Paramus, NJ 07653
Address line 3 USA Emerg. Tel. No. (800) 468-6942 USA
Info. Tel. No. (201) 845-6100 Contact David Pointon
Prep. Date 4/30/92 Title Formulation Chemist

REQUIRED LABEL STATEMENTS

Conformity Phrase Conforms to ASTM D4236-89
Acute Signal Word No Acute Health Labeling Required
Acute Phrase 1
Acute Phrase 2
Acute Phrase 3

Chronic Signal Word No Chronic Health Label Warning Required.

Chronic Phrase 1
Chronic Phrase 2
Chronic Phrase 3

Mis'c Warning Word Art product not intended for use by children



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