

MATERIAL SAFETY DATA SHEETDate Printed: 02/05/03 **Page:****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT CODE: MS-DF002

PRODUCT NAME: MATTE CANDLE GLAZE

PLAID ENTERPRISES, INC.

3225 WESTECH DRIVE

NORCROSS, GA 30092

PHONE: 678-291-8100 CHEMTREC 24-HOUR PHONE: 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#	% BY WT.
1. ETHYLBENZENE VAPOR PRESSURE: 19.000 MMHG (@ 68F LEL 1.20 EXPOSURE LIMIT: ACGIH TLV-TWA 100 ppm ACGIH TLV-STEL 125 ppm OSHA PEL-TWA 100 ppm OSHA PEL-STEL 125 ppm	106-41-4	0.8870
2. N-BUTANE VAPOR PRESSURE: 879.100 MMHG (@ 68F LEL 1.80 EXPOSURE LIMIT: ACCGIH TLV-TWA 800 ppm ACGIH TLV-STEL NO INFO OSHA PEL-TWA 800 ppm	106-97-8	12.0
3. PROPANE VAPOR PRESSURE: 5585.200 MMHG (@ 68F LEL 2.20 EXPOSURE LIMIT: ACCGIH TLV-TWA 1000 ppm ACGIH TLV-STEL NO INFO	74-98-6	16.0
4. XYLENE VAPOR PRESSURE: 6.600 MMHG (@ 68F LEL 1.00 EXPOSURE LIMIT: ACCGIH TLV-TWA 100 ppm ACGIH TLV-STEL 150 ppm OSHA PEL-TWA 100 ppm OSHA PEL-STEL 1000 ppm	1330-20-7	4.0

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5. ACETONE	67-64-1	36.0
VAPOR PRESSURE: 231.000 MMHG @ 68F LEL 2.60		
EXPOSURE LIMIT:		
ACCGIH TLV-TWA	750 ppm	
ACGIH TLV-STEL	1000 ppm	
OSHA PEL-TWA	750 ppm	
OSHA PEL-STEL	1000 ppm	
6. TOLUENE	108-88-3	25.0
VAPOR PRESSURE: 38.000 MMHG @ 68F LEL 1.40		
EXPOSURE LIMIT:		
ACCGIH TLV-TWA	50 ppm	
ACGIH TLV-STEL	NO INFO	
OSHA PEL-TWA	50 ppm	

3. HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS**

EYE: May cause severe eye irritation.

SKIN: May cause skin irritation.

INGESTION: Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, and narcosis. Aspiration of material into the lungs if swallowed or if vomiting occurs can cause chemical pneumonitis which can be fatal.

INHALATION: Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation. Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma and death. Liquid or vapor may be irritating to skin, eyes, throat or lungs. Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.

CHRONIC (CANCER) INFORMATION: Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals: Kidney damage, Eye damage, Lung damage, Liver damage, Spleen damage, Anemia, Brain damage.

Chronic overexposure to a component or components in this material has been found to cause the following effects in humans: Liver damage, Cardiac abnormalities.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Repeated exposure to toluene has been associated with high frequency hearing loss in laboratory animals. The human consequences of this finding is uncertain.

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In February 2000 the International Agency for Research on Cancer (IARC) classified ethylbenzene as possibly carcinogenic to humans (Group 2B) on the basis of sufficient evidence for carcinogenicity in experimental animals but inadequate evidence for in humans.

TERATOLOGY (BIRTH DEFECT) INFORMATION: Product contains toluene which may be harmful to the fetus based on animal studies.

REPRODUCTION INFORMATION: No Data

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash thoroughly with soap and water and seek medical attention. Remove contaminated clothing, Launder contaminated clothing before reuse.

INGESTION: Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

INHALATION: For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

NOTE TO PHYSICIANS:

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: Less than -25F **EXPLOSION LEVEL:** Low-1.0F High-12.8F

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: N/A

UPPER FLAMMABLE LIMIT: N/A

AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS: Not determined.

EXTINGUISHING MEDIA: Use dry chemical, Carbon Dioxide or Chemical foam.

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FIREFIGHTING INSTRUCTIONS: Contents under pressure. Do not use or store near sources of heat, sparks, or open flame. Keep away from any source of heat such as sunlight, heaters or stoves that could cause the container to burst. Do not puncture or incinerate. Do not crush or place in a garbage compactor. Do not store above 120 degrees F. Aerosol containers may explode when exposed to extreme heat.

Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back.

Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used.

Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire.

Ventilate area of spill and adjacent low-lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

7. HANDLING AND STORAGE

HANDLING: Wash hands thoroughly after handling.

STORAGE: Store in a cool dry area with ventilation suitable for storing materials shown in section 2.

Keep away from heat, sparks and flame.

Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION: If workplace exposure limits are exceeded for any component (see section 2 for hazardous components and limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.

SKIN PROTECTION: Chemical resistant plastic or rubber gloves recommended for

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prolonged or repeated contact. Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

EYE PROTECTION: Chemical goggles with side shields or face shields recommended if contact with eyes likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Lower -1.0 F Higher- 279.0 F

MELTING POINT: N/A

VAPOR PRESSURE: 5585.20 mm Hg (@ 20 C)

VAPOR DENSITY: 3.7

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: .723

PH: N/A

ODOR: N/A

APPEARANCE: N/A

COATING VOC: 5.249 lb/gal

MATERIAL VOC: Not determined

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): Avoid contact with heat, sparks, and open flame.

Product may explode if heated. Keep cool, avoid exposure to heat.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

HAZARDOUS POLYMERIZATION: No hazardous polymerization will occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to Section 3 for available information on potential health effects.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No specific information is available for this product.

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CHEMICAL FATE INFORMATION: No specific information is available for this product.

13. DISPOSAL CONSIDERATIONS

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

14. TRANSPORT INFORMATION:

Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less: CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart: PAINT, FLAMMABLE LIQUID, UN 1263, CLASS 3, GROUP II
(Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less: CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL. (Regulatory sources: ATA1 Quantity Exemptions- Table 2.8.4,2.7.A, 2.7.5, Packaging Instruction:910) or AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL (Regulatory sources: ATA1 Quantity Exemptions-Table 2.8.1, 2.8.4, Packaging Instruction: Y203)

15. REGULATORY INFORMATION:

U.S. FEDERAL REGULATIONS:

TOXIC SUBSTANCE CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

OSHA: This product is considered hazardous considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

CERCLA: SARA HAZARD CATEGORY:

SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

XYLENE	CAS# 1330-20-7	PCT BY WT: 4.3150
TOLUENE	CAS# 108-88-3	PCT BY WT: 25.1620

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INTERNATIONAL REGULATIONS:

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All components of this product are on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA.

EINECS: All the components of this product are on the European Inventory of Existing Commercial Chemical Substances.

FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

This product contains chemical(s) which are listed on California's proposition 65 list. If the product is to be sold or used in California the following warning statement must appear on the label: Warning! This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

NEW JERSEY RIGHT-TO-KNOW

No non-hazardous ingredients are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW

No non-hazardous ingredients are present greater than 3%

16. OTHER INFORMATION

NAME OF PREPARER: Dewey Wright

REVISION DATE: 02/05/03

HMIS CODES: H F R P
2 4 0 G

HMIS HAZARD RATINGS: H=HEALTH, F=FIRE, R=REACTIVITY, P=PERSONAL

SCALE: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

PERSONAL PROTECTION: See Section 8, Exposure Controls/Personal Protection for

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recommended handling of material as supplied; check with supervisor for your actual use condition.

HMIS is a registered trademark of the National Paint and Coatings Association.

LIST OF ACRONYMS:

ACGHI: American Conference of Government Industrial Hygienists

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

PPM: Parts Per Million

SARA: Superfund Amendment Reauthorization Act

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

Please note that this MSDS applies to industrial handling of this material. Consumers should read product label. The information and recommendations set forth herein are believed to be accurate. The data is derived from information provided to Plaid Enterprises, Inc. from its raw material suppliers. Plaid Enterprises, Inc. makes no guarantee or warranty, expressed or implied, regarding the accuracy, reliability, or completeness of the data or the results to be obtained from the use thereof. It is the responsibility of the user of the product to comply with all applicable federal, state, and local laws and regulations.

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