# Material Safety Data Sheet

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**Date Issued:** March 19, 2007
**Revised:**

## Section I - Material Identification

**Product Name:** DMO **Product Code:** All Melamine DMO Products

**Product Description:** Decorative Melamine Overlay Impregnated Paper

**Chemical Name:** Resin Impregnated Paper **IUPAC:** N/A **CAS#:** N/A **UN#:** Not Regulated

## Section II - Hazardous Ingredients

| Ingredients | CAS # | Weight % | Exposure Limits |
|---|---|---|---|
| Formaldehyde | 50-00-0 | Below Reportable Threshold | 0.3 ppm ACGIH Ceiling<br>0.75 ppm OSHA PEL-TWA |
| Methanol | 67-56-1 | Below Reportable Threshold | 200 ppm ACGIH TLV and OSHA PEL |

** 29 CFR Part 1910.1200(g) (2) (i) (C) (1), of the Occupational Safety and Health Administration (OSHA) Hazardous Communication Standard*

**H.M.I.S. RATINGS** HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0

## Section III - Health Hazards

***Effects of Over Exposure:***

Contact with skin may cause irritation or rash. Eye contact may cause slight irritiation or redness.
Heated vapors may cause irritation of the respiratory tract.

***Primary Route(s) of Entry:***

Inhalation of dust or fumes.

Formaldehyde, a component of this product, is classified as an IARC (International Agency for Research on Cancer) Group I Human carcinogen (nose and pharynx) and a potential human carcinogen by U.S. agencies NTP and OSHA.

## Section IV - Emergency and First Aid Procedures

**Skin Contact:** Wash with soap and water at once.

**Eye Contact:** Flush with water for 15 minutes and call a physician if irritation persists.

**Inhalation:** Remove to fresh air.

**Ingestion:** Not applicable.

**In all cases if irritation persists, obtain qualified medical advice.**

## Section V - Fire and Explosion Hazard Data

**Flashpoint:** Not applicable **Auto-Ignition Temperature:** 410 degrees C. / 770 degrees F.

**Extinguishing Media:** Water spray, Carbon Dioxide foam or Dry Chemical, as determined by surrounding fire

**Special Fire Fighting Procedures:** Self- contained breathing apparatus is required.
Hazardous decomposition products may include formaldehyde and oxides of carbon, nitrogen, sodium and potassium.

**Unusual Fire and Explosion Hazards:** None.

## Section VI - Spill or Leak Procedures

**Steps to be taken in case material is released or spilled:**

Collect material and place in a closed container.
Proper PPE (personal protective equipment) should be worn per Section VIII of this MSDS.

**Waste disposal method:**

At this time, this material would not be considered a hazardous waste as defined under the federal RCRA regulations (40 CFR 261). However, caution should be taken as these regulations can change and state and local regulations may vary to reclassify this waste. Material should always be disposed of in accordance with federal, state, and local regulations.
For further information, contact your state or local solid waste disposal agency.

## Section VII - Handling and Storage

**Precautions to be taken in Handling and Storing:**

Store in a cool, dry and vented space with packaging left intact until use.

**Other precautions:** Consult the product bulletin prior to using this product.

## Section VIII - Special Protection Information

**Respiratory Protection:** Should be worn to prevent breathing dust or heated fumes.

**Ventilation:** Local exhaust and general ventilation recommended.

**Protective Gloves:** Suitable protective gloves should be worn to protect against skin contact and to prevent paper cuts.

**Eye Protection:** Safety glasses are recommended.

**Other Protective Equipment:** As required to prevent prolonged or repeated skin contact.

## Section IX - Physical Data

**Appearance and Odor:** White, Colored, or Printed Light Weight Impregnated Paper

**Boiling Point:** Not Applicable

**Percent Moisture Content** 2-10%

**Evaporation Rate:** Non-Volatile

**Vapor Density:** Non-Volatile

**Specific Gravity:** Not Applicable

**Leachate Analysis (Wt%):**

**Leachate Formaldehyde:** 0.00011

**Leachate Methanol:** NA

## Section X - Reactivity Data

**Stability:** Stable **Conditions to Avoid:** Warm storage and ignition sources

**Incompatibility:** None known **Hazardous Polymerization:** Will not occur

Hazardous Decomposition Products may include formaldehyde, and oxides of carbon, nitrogen, sodium and potassium

# Section XI - Toxicological Information

When heating the paper, it will give off small amounts of volatile chemicals, primarily formaldehyde.

***Permissible Exposure Levels:***

**Formaldehyde:** OSHA has established a 0.75 ppm PEL for formaldehyde as an 8 hour TWA and a 2 ppm 15-minute STEL (Short Term Exposure Limit). OSHA has also set a 0.5 ppm action level for formaldehyde (see OSHA regulation 21 CFR 1910.1048 for specific information regarding workplace requirements). ACGIH ceiling for formaldehyde is 0.3 ppm.

**Carcinogenicity:** Formaldehyde, a component of this product, is classified as an IARC (International Agency for Research on Cancer) Group I Human carcinogen (nose and pharynx) and a potential human carcinogen by U.S. agencies NTP and OSHA.

# Section XII: Ecological Information

No Data Available

# Section XIII: Final Disposition

Material should always be disposed of in accordance with federal, state and local regulations. See Section VI for further details.

# Section XIV: Transport Information

This product is not regulated.

# Section XV: Regulatory Information

This product contains no hazardous ingredients above reportable thresholds as designated in the reporting requirements of 'Section 312 and 313 of the Emergency Planning and Community Right to Know Act' of 1986 (40 CFR 370 and 372).

# Section XVI: Other Information

DISCLAIMER: The information and recommendations contained herein are offered as a service to our customers but are not intended to relieve the user from its responsibility to investigate and understand other pertinent sources of information and to comply with all laws and procedures applicable to the safe handling and use of these materials. The information and recommendations provided herein are believed by Arclin Surfaces, Inc. to be accurate or obtained from sources believed to be reliable. However, Arclin Surfaces, Inc. makes no warranty concerning their accuracy and Arclin Surfaces, Inc. will not be liable for claims resulting to any party's use of or reliance on information or recommendations contained herein regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or otherwise misleading.