

MATERIAL SAFETY DATA SHEET Rev. 04B  
 For Coating, Resins, and Related Materials NPCA 1-84  
 Manufacturer's Name: BENJAMIN MOORE & CO.  
 Emergency Telephone No.: 800-424-9300 (CHEMTREC)  
 51 CHESTNUT RIDGE RD  
 MONTVALE, NJ 07645  
 Date Prepared: 08-30-01 Last Rev Date: 01-19-01 Information Telephone No.: 201-573-9600  
 For the most up-to-date MSDS information please visit our website [www.benjaminmoore.com/msds/go.html](http://www.benjaminmoore.com/msds/go.html)

SECTION I PRODUCT ID

PRODUCT\*: M04, nM04  
 CLASS: WATER THINNED PAINT  
 NAME: ACRYLIC METAL PRIMER  
 COLOR: ALL

\*\* HMIS CODE \*\*  
 HEALTH: 1  
 FLAMMABILITY: 0  
 REACTIVITY: 0  
 PERSONAL PROT:

\*\* SARA TITLE 312 \*\*

ACUTE: N CHRONIC: N FIRE: N PRESSURE: N REACTIVITY: N  
 For a complete description of HMIS and an explanation of the PERSONAL PROT: code, see Section XX.  
 \*NOTE: In the PRODUCT code a little n can be any capital letter of the alphabet except P or Q.

SECTION II HAZARDOUS INGREDIENTS

| INGREDIENT                 | HAZ | SARA | MAX % | CAS #       | TLV      | PEL      | STEL | CEIL | MM Hg |
|----------------------------|-----|------|-------|-------------|----------|----------|------|------|-------|
| Titanium Dioxide           | Y   | N    | 13.4  | 013463-67-7 | 10 mg/M3 | 10 mg/M3 | N/E  | N/E  | N/A   |
| Zinc Oxide                 | Y   | Y    | 1.0   | 001314-13-2 | 10 mg/M3 | 10 mg/M3 | N/E  | N/E  | N/A   |
| Zinc Phosphate             | Y   | Y    | 1.5   | 007779-90-0 | 10 mg/M3 | 15 mg/M3 | N/E  | N/E  | N/A   |
| Hydrous Aluminum Silicates | Y   | N    | 9.5   | 001332-58-7 | 10 mg/M3 | 10 mg/M3 | N/E  | N/E  | N/A   |
| Talc                       | Y   | N    | 6.2   | 014807-96-6 | 2 mg/M3  | 2 mg/M3  | N/E  | N/E  | N/A   |
| Iron Oxide                 | Y   | N    | 8.0   | 001332-37-2 | 5 mg/M3  | 10 mg/M3 | N/E  | N/E  | N/A   |

NOTE: This product contains no reported or suspected carcinogens  
 Note: This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.  
 This product may contain small amounts of materials known to the State of California to cause cancer and reproductive harm.

SECTION III PHYSICAL DATA

BOILING RANGE: N/A WT/GALLON: 9.4 to 10.9 %VOL BY VOLUME: 57.2 to 62.8

MSDS #: M04.nM04

Page 2

EVAPORATION RATE: SLOWER THAN ETHER VAPOR DENSITY: HEAVIER THAN AIR

-----  
SECTION IV FIRE AND EXPLOSION HAZARD DATA  
-----

D.O.T. FLAMMABILITY CLASS.: NOT REGULATED FLASH POINT: > 250 F PMCC  
LEL: Not Applicable  
EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL WATER FOG  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Toxic gases may form when product burns.  
Closed containers may burst if exposed to extreme heat or fire.  
SPECIAL FIRE FIGHTING PROCEDURES:  
Cool exposed containers with water. Use self-contained breathing apparatus.

-----  
SECTION V HEALTH HAZARD DATA  
-----

EFFECTS OF OVEREXPOSURE - ACUTE:  
Inhalation - Causes nose and throat irritation.  
Contact - Causes eye irritation.  
Ingestion of large amounts could cause serious injury.  
EFFECTS OF OVEREXPOSURE - CHRONIC:  
None Known  
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:  
None expected when used in accordance with Safe Handling and Use Information (Section VIII).  
PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION  
EMERGENCY AND FIRST AID PROCEDURES :  
Inhalation - Remove to fresh air. Get medical help for any breathing difficulty.  
Eye Contact - Flush thoroughly with water. Call physician.  
Skin Contact - Wash with soap and water.  
Ingestion - Drink 1 or 2 glasses of water to dilute.  
DO NOT induce vomiting. Call physician.

-----  
SECTION VI REACTIVITY DATA  
-----

STABILITY: STABLE HAZARDOUS POLYMERIZATION WILL NOT OCCUR  
CONDITIONS TO AVOID: Elevated temperatures  
HAZARDOUS DECOMPOSITION PRODUCTS:  
Burning may produce carbon dioxide and carbon monoxide.  
INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable.

-----  
SECTION VII SPILL OR LEAK PROCEDURES  
-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Flush with water. Absorb with sawdust or rags.  
WASTE DISPOSAL METHOD:  
Conventional procedures in compliance with local, state and federal regulations. Do not incinerate sealed containers.

-----  
SECTION VIII SAFE HANDLING AND USE INFORMATION  
-----

RESPIRATORY PROTECTION:  
Use NIOSH approved respirator specified for protection against paint spray mist and sanding dust in restricted or confined areas.  
VENTILATION:  
Adequate to maintain working atmosphere below T.L.V. and L.E.L.  
(See Sect. II for ingredient data and concentrations). Mechanical exhaust

MSDS #: M04, nM04

Page 3

may be required in confined areas.

PROTECTIVE GLOVES: ~~Waterproof during repeated contact.~~

EYE PROTECTION : Splash goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clothing adequate to protect skin.

HYGIENIC PRACTICES:

Remove and wash clothing before reuse. Wash hands before eating, smoking or using the washroom.

---

#### SECTION IX SPECIAL PRECAUTIONS

---

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not throw or drop containers.

OTHER PRECAUTIONS :

Avoid contact with eyes and prolonged contact with skin or breathing of spray mist or sanding dust.

Close container after each use. Keep out of reach of children. Do not take internally.

---

#### SECTION XX

---

HMIS (Hazardous Materials Identification System) (R) NPCA

HMIS is a recognized workplace Hazard Communications System as required by OSHA (29 CFR 1910.1200). Information on establishing a compliant hazardous communication program using HMIS is available from:

American Labelmark Co., Inc., Labelmaster Division

5724 N. Pulaski Rd., Chicago, IL 60646

1-800-621-5808

The ratings assigned by Benjamin Moore & Co. are only suggested ratings; the contractor/employer has ultimate responsibility for HMIS rating where this system is used.

PERSONAL PROTECTION: This code is left blank on Benjamin Moore & Co. MSDS's as it depends on application technique and the workplace ventilation.

Please read Sections II through IX of this MSDS before deciding on appropriate protective equipment and beginning work. There are codes available for this section which can be obtained from Labelmaster.

This product contains at least one toxic chemical listed in Section II that is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372.

---

#### DISCLAIMER

---

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

NOTICE: Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-LEAD-FYI.

