

M A T E R I A L S A F E T Y D A T A S H E E T Rev M2900.06B

For Coating, Resins, and Related Materials NPCA 1-84

MANUFACTURER'S NAME
BENJAMIN MOORE & Co.
51 CHESTNUT RIDGE RD.
MONTVALE, NJ 07645

EMERGENCY TELEPHONE NO.
800-424-9300 (CHEMTREC)

DATE OF PREPARATION
05-FEB-99 (Sup. 15-DEC-99)

INFORMATION TELEPHONE
201-573-9600

SECTION I - PRODUCT ID

PRODUCT CODE: M29	HMIS CODE	SARA TITLE 312
CLASS: WATER THINNED PAINT	Health: 2*	Acute: YES
NAME: D.T.M. ACRYLIC SEMI-GLOSS	Flammability: 0	Chronic: YES
COLOR: ALL	Reactivity: 0	Fire: NO
	Personal Prot.:	Pressure: NO
		React: NO

For a complete description of HMIS and an explanation of the PERSONAL PROT: code, see Section XX.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	MAX PCT	CAS NO. TLV	PEL	STEL	CEIL	MM Hg	TEMP
Diethylene Glycol	2.2	111773					
Monomethyl Ether (3)		N/E	N/E	N/E	N/E	0.1 @ 20	
Titanium Dioxide (f*)	17.4	13463677	10mg/m3	N/E	N/E	N/A	
Zinc Phosphate (f*3)	2.5	7779900	10mg/m3	N/E	N/E	N/A	
Ethylene Glycol (f3n)	3.4	107211	15mg/m3	N/E	N/E	N/A	
Ethylene Glycol	4.2	1559359	50ppm	N/E	50ppm	.08 @ 20	
Mono-2-Ethylhexyl Ether (f3)		N/E	N/E	N/E	N/E	N/E	
Dibutyl Phthalate (f3n)	1.7	84742	5mg/m3	5mg/m3	N/E	.01 @ 20	
Hydrous Alum Silicates (f*)	4.4	1332587	10mg/m3	10mg/m3	N/E	N/A	
Iron Oxide (f*n)	1.2	1309371	5mg/m3	10mg/m3	N/E	N/A	
Carbon Black (f*n)	2.2	1333864	3.5mg/m3	3.5mg/m3	N/E	N/A	
C.I. Yellow 11741 (f*)	4.9	6358312	10mg/m3	15mg/m3	N/E	N/A	
Pigment Blue (f*)	1.4	147148	1mg/m3	1mg/m3	N/E	N/A	
C.I. Pigment Green 7 (f*)	1.3	1328536	1mg/m3	1mg/m3	N/E	N/A	
C.I. Pigment Yellow 42 (f*)	4.8	51274001	10mg/m3	10mg/m3	10ppm	N/A	

f Federal Hazard List

* Hazardous only as dust when product is sanded.

3 Sect. 313 of the Emergency Planning & Community Right-To-Know Act of 1986 and of 40 CFR 37

n New Jersey Label Law hazardous chemical

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 VAPOR DENSITY: HEAVIER THAN AIR
WEIGHT PER GAL: 8.8 - 10.1

EVAPORATION RATE: SLOWER THAN ETHER % VOLATILE VOLUME: 59.3 - 64.1

=====

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

=====

FLAMMABILITY CLASSIFICATION: NOT REGULATED FLASH PT.: >250 F PMCC
LEL: Not Applicable

EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may burst if exposed to extreme heat or fire. Toxic gases may form when product burns.

SPECIAL FIREFIGHTING PROCEDURES:
Cool exposed containers with water. Use self-contained breathing apparatus.

=====

SECTION V - HEALTH HAZARD DATA

=====

EFFECTS OF OVEREXPOSURE - ACUTE:

Inhalation - Harmful if inhaled. May affect the brain or nervous system, causing dizziness, headache or nausea.

Contact - Causes eye irritation. Contact - Causes skin irritation. Ingestion - Harmful if swallowed. Irritation of the digestive tract and nervous system depression.

EFFECTS OF OVEREXPOSURE - CHRONIC:

Inhalation - Irritating to respiratory tract.

IARC has classified Carbon Black as possibly carcinogenic for humans (2B).

NOTICE: Reports have associated permanent brain and nervous system damage with repeated, prolonged overexposure to solvents among persons engaged in the painting trade. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon dioxide and carbon monoxide.

CONDITIONS TO AVOID: Elevated temperatures

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:

Wear a properly fitted vapor/particulate approved by NIOSH/MSHA for use with paints (TC-23C) during application or sanding and until all vapors and spray mist are exhausted. In confined spaces or in situations where continuous spray operations are typical, or if proper respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH/MSHA TC-19C)

VENTILATION: Adequate to maintain working atmosphere below T.L.V. and L.E.L. (See Sect. II for ingredient data and concentrations). Mechanical exhaust may be required in confined areas.

PROTECTIVE GLOVES: Solvent impermeable gloves are required

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 CR 372.