

MATERIAL SAFETY DATA SHEET FOR COATINGS, RESINS & RELATED MATERIALS

SECTION I

PRODUCT IDENTIFICATION

Manufacturer: Ennis Paint, Inc. **Information Ph:** 800-331-8118
 P.O. Box 404 **Emergency Ph:** 800-424-9300
 Ennis, Texas 75120 **Revised:** 03/14/08
Product Class: High Solids Waterborne
 Lead Free Fast Dry Traffic Paint - **APPLIES TO ALL COLORS**

Trade Name: Ennis Paint
C.A.S. Number: N/A - Mixture
VOC: < 150 G/L
Specific Gravity: 1.6-1.7

HAZARD RATINGS:		HTH	1
NONE-EXTREME		FIRE	1
0 - 4		REACTIVITY	0
		PERSONAL PROTECTION	0

SECTION II

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	WEIGHT ----- Exposure Limits -----		VP	
		%	ACGIH/TLV	OSHA/PEL	mm HG
Methanol	67-56-1	2.5 MAX STEL =	200 ppm	200 ppm 250 ppm	97.7 @ 68F

SECTION III

PHYSICAL DATA

BOILING RANGE: 147-477°F **VAPOR DENSITY:** Heavier than Air.
EVAPORATION RATE: 0.45 x n-Butyl Acetate **LIQUID DENSITY:** 1.5-1.7 kg/l @ 20°C
APPEARANCE: Heavy Liquid **V.O.C.:** < 150 g/l / 1.3 lbs/gal
VOLATILES: VOL % 38-40% **WGT % 20-25%**

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: Not Flammable **FLASHPOINT** **TCC LEL:** **UEL:**
ASTM D 3278: >201°F **N/A** **N/A**
ASTM D 93: >201°F

EXTINGUISHING MEDIA:

- NONE

SPECIAL FIREFIGHTING PROCEDURES:

- NONE

UNUSUAL FIRE & EXPLOSION HAZARDS:

- KEEP CONTAINERS TIGHTLY CLOSED.
- ISOLATE FROM HEAT, SPARKS AND OPEN FLAME.
- CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.
- THIS MATERIAL WILL NOT BURN UNTIL THE WATER HAS EVAPORATED. DRIED RESIDUE CAN BURN.
- IN A TEST "EVALUATION OF THE FIRE HAZARD OF WATER-BORNE COATINGS" (FACTORY MUTUAL RESEARCH CORPORATION SCIENTIFIC CIRCULAR 804 DECEMBER 1977), FOUR WATER-BORNE COATINGS "PRESENTED NO [FIRE] HAZARD". "IT WAS ALSO CONCLUDED THAT RESULTS OBTAINED FROM LABORATORY [FLASH POINT] TESTS ARE NOT REPRESENTATIVE INDICATION OF THE FIRE HAZARD OF WATER-BORNE COATINGS".

SECTION V HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:

- SEE SECTION II FOR INFORMATION ABOUT INDIVIDUAL INGREDIENTS.

EFFECTS OF OVEREXPOSURE:

- SEVERE EYE IRRITATION.
- HEADACHES, DIZZINESS AND/OR NAUSEA. SKIN CONTACT MAY CAUSE IRRITATION OR RASH.
- SKIN ABSORPTION MAY POTENTIALLY CONTRIBUTE TO THE OVERALL EXPOSURE OF METHANOL. APPROPRIATE MEASURES SHOULD BE TAKEN TO PREVENT ABSORPTION SO THAT THE TLV IS ALWAYS MET.
- NIOSH RECOMMENDS A LIMIT OF 200 ppm, 8-HOUR TWA; 800 ppm 15-MINUTE CEILING FOR METHANOL.
- OVEREXPOSURE TO METHANOL (OR ITS COMPONENTS) HAS BEEN SUGGESTED AS A CAUSE OF EYE DAMAGE IN HUMANS.

FIRST AID:

- *EYES:* FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.
- *SKIN:* WASH EXPOSED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
- *INHALATION:* MOVE VICTIM AWAY FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS OF EXPOSURE DEVELOP, GET MEDICAL ATTENTION.

SECTION VI REACTIVITY DATA

STABILITY: UNSTABLE STABLE
HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR
INCOMPATIBILITY: N/A
CONDITIONS TO AVOID: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- COLLECT IN A RETAINING AREA OR CLOSED CONTAINER IF POSSIBLE, AVOID EXCESS DILUTION WITH WATER.
- MATERIAL MAY BE CONTAINED WITH AN ABSORBENT MATERIAL THEN TRANSFERRED TO AN APPROPRIATE CONTAINER.
- AVOID EXPOSURE TO HEAT, SPARKS, FIRE OR OPEN FLAME.
- AVOID HOT METAL SURFACES.

WASTE DISPOSAL METHOD:

- DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- AVOID DISCHARGE INTO NATURAL WATERS.

**SECTION VIII
SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:

- WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING SPRAYING APPLICATION TO PROTECT AGAINST OVERSPRAY.

VENTILATION:

- ADEQUATE VENTILATION IS NECESSARY WHEN SPRAYING OR MIXING AND EXHAUST WITH PROPER AIRFLOW IS ALWAYS RECOMMENDED.
- AVOID ANY DIRECT INHALATION OF SPRAY MIST IF THIS PRODUCT IS SPRAYED.

PROTECTION GLOVES:

- RECOMMENDED

EYE PROTECTION:

- CLOSE FITTING SAFETY GOGGLES.

OTHER PROTECTIVE EQUIPMENT:

- MAY ADHERE TO SKIN - GLOVES, LONG SLEEVES, HATS AND FACE SHIELDS ARE RECOMMENDED.
- PROTECTIVE CREAMS MAY HELP, BUT ARE NOT AS PROTECTIVE AS GLOVES, ETC.
- TRAIN AND EDUCATE EMPLOYEES IN THE SAFE USE OF THE PRODUCT.

**SECTION IX
SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

- PROTECT FROM FREEZING

**SECTION X
ECOLOGICAL INFORMATION**

ECOTOXICITY: FISH: FATHEAD MINNOW: 96 HR; LC50 = >750 mg/L

OTHER: NO OTHER INFORMATION IS AVAILABLE

**SECTION XI
ADDITIONAL REGULATORY INFORMATION**

THIS PRODUCT IS NOT REGULATED BY D.O.T. WHEN SHIPPED DOMESTICALLY BY LAND.

SARA TITLE III SECTION 313:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND OF 40 CFR 372:

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
67-56-1	METHANOL	2.5 MAX

PROP 65 (CARCINOGEN):

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
	NONE	

PROP 65 (TERATOGEN):

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
	NONE	

PROP 65 (BOTH CARCINOGEN AND TERATOGEN):

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
	NONE	

TSCA-U.S. TOXIC SUBSTANCES CONTROL ACT:

ALL COMPONENTS OF THIS MIXTURE ARE IN COMPLIANCE WITH THE INVENTORY LISTING REQUIREMENTS OF THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCES INVENTORY.

**SECTION XII
MISCELLANEOUS INFORMATION**

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