

A02/100 - A02/106

500 Traffic Marking Paint

GENERAL INFORMATION

Description: A superior quality low-sheen acrylic latex paint designed for marking or striping streets, parking lots, traffic and vehicle control areas, etc.

Recommended Usage: For interior or exterior use on concrete and asphalt surfaces.

Surface Preparation: All surfaces should be clean, dry, and free of wax, grease, oil, chalk, and loose or peeling paint.

Application: Stir well before using. Apply with brush, roller or spray. When spraying, follow spray equipment manufacturer's recommendations carefully. Wear appropriate eye protection, respirator and protective clothing. Apply only when the temperature of the surface, air and material is above 50°F. Avoid applying if rain is expected within 24 hours.

Coverage: Approximately 300 to 400 square feet per gallon depending on surface texture and porosity. Approximately 1200 to 1600 lineal feet of 3 inch striping depending on surface texture and porosity.

Drying Time: Dries in 30 minutes to one hour depending on temperature and humidity. Allow 4 hours before recoating.

Thinning: None recommended. If necessary, add no more than 1/2 pint of water per gallon. Do not use paint thinner.

Clean-up: Clean brushes, rollers and equipment with soap and water.

Sheen: Low.

Colors Available: White*, Striping Yellow, Black and Handicap Blue (matches Fed. Color Spec. #15180).

Container Sizes: Available in gallons and fives*.

SPECIFICATIONS

Weight per Gallon: 10.6 lbs.

Film Thickness: Dry - 1 to 2 mils.

Gloss: 15° to 20°.

Solids: 45.2% by Weight. 30.6% by Volume.

Analysis: Pigment - 25.3% Vehicle - 74.7%

Viscosity: 90 to 95 KU.

VOC: Less than 250 grams per liter.

Flash Point: None (water-base).

Equivalent Federal Specifications: None.



MATERIAL SAFETY DATA SHEET

Brand Name & Product No.:
Catalog Number:

500

HMS Codes:-

H	F	R	P
1*	0	0	B

SECTION 1 - MANUFACTURER IDENTIFICATION

MASCO PAINT MANUFACTURING

671 Bergin Way
Sparks, Nevada 89431.
(702) 359-9161.

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Hazardous Components	CAS Number	Occupational Exposure Limits		Other	Vapor Pressure	Weight
		OSHA PEL	ACGIH TLV		mmHg@Temp	Percent
†Aluminum Oxide	1344-28-1		15mg/m ³	as dust	N/A	1.0
Ester Alcohol	25265-77-4		not estab.		1.0@189°F	<5.0

†Chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 471°F
Specific Gravity (H₂O=1): 1.3
Vapor Density: Lighter than air.
Evaporation Rate: Slower than ether.
Coating V.O.C.: 0.62 lbs. per gallon (74 grams per liter)
Solubility in Water: Complete.
Appearance and Odor: Typical for water based paints.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 248°F
Method Used: COC
Flammable Limits in air by volume: Lower: 0.6% Upper: 4.2%
Extinguishing Media: Foam, CO₂, Dry Chemical, Water Fog.
Special Firefighting Procedures: Cool containers with water spray.
Unusual Fire and Explosion Hazards: Closed container exposed to high temperatures may explode or burst due to build up of steam pressure.

SECTION 5 - REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: None.
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents.
Hazardous Decomposition or Byproducts: May form toxic materials, carbon dioxide, carbon monoxide, various hydrocarbons, etc. on thermal decomposition.
Hazardous Polymerization: Will not occur.

SECTION 6 - HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of exposure -

Adverse health effects from vapors or spray mists in poorly ventilated areas may include irritation of the mucous membranes of the nose, throat and respiratory tract, and symptoms of headache and nausea.

SECTION 6 - HEALTH HAZARD DATA (continued)

Skin and Eye Contact Health Risks and Symptoms of Exposure -

Eyes: In direct contact, may cause irritation.

Skin: Prolonged and repeated contact with product may cause skin irritation.

Skin Absorption Health Risks and Symptoms of Exposure -

Redness, drying of the skin, or other signs of irritation or contact dermatitis.

Ingestion Health Risks and Symptoms of Exposure -

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Health Hazards (Acute and Chronic) -

Acute: May cause irritation to skin, eyes and intestinal system.

Chronic: Prolonged or repeated exposures above TLV may result in permanent brain and nervous system damage.

Carcinogenicity: NTP? - NO IARC Monographs? - NO OSHA Regulated? - NO

Warning this product may contain chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm, (California Health and Safety Code § 25249.5)

Medical Conditions Generally Aggravated by Exposure - None known.

Emergency and First Aid Procedures -

Eyes: Flush with large amounts of water for at least 15 minutes. Take to a physician.

Skin: Wash affected areas with soap and water. Remove contaminated clothing. If irritation persists, consult a physician.

Inhalation: Remove to fresh air. Treat symptomatically. Consult a physician.

Ingestion: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - Dike, contain, or absorb with inert materials.

Transfer to container for recovery or disposal. Prevent runoff into sewers, streams, or other bodies of water.

Waste Disposal Method - Dispose of in accordance with all local, state and federal regulations.

Precaution to be Taken in Handling and Storing - Do not expose to extremes in temperature. Avoid exposure to high temperatures. Do not allow to freeze.

Other Precautions - Do not take internally. Avoid prolonged or repeated exposure to levels above TLV. Keep out of reach of children.

SECTION 8 - CONTROL MEASURES

Respiratory Protection - Not normally required. If TLV is exceeded use NIOSH/MSHA approved organic vapor and mist, supplied air, or self-contained breathing apparatus.

Ventilation - Use adequate mechanical (general and/or local) ventilation to maintain exposure below TLV.

Protective Gloves - Wear resistant gloves such as polyethylene.

Eye Protection - Use chemical splash goggles or OSHA permitted safety glasses.

Other Protective Clothing or Equipment - Wear impervious clothing. Eyewash station.

Work/Hygienic Practices - Wash hands before eating or using restrooms. Remove and wash all contaminated clothing before reuse.

SECTION 9 - DISCLAIMER

The information contained herein 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.