



MATERIAL SAFETY DATA SHEET

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(Generic Flammable Solventborne Products w/ Hazards MSD) HMIS

Code: 2-3-0-

MANUFACTURER: Mautz Paint Co. TEL (608) 255-1661

ADDRESS: 939 E. Washington Ave. Madison, WI. 53703

EMERGENCY TEL (608) 262-3702 or (608) 255-1661 or Chemtrek TEL (800) 424-9300

1. PRODUCT IDENTIFICATION

PRODUCT CLASS: Solvent-Borne Flammable Paints	PROPER SHIPPING NAME: Paint
TRADE NAME: Solvent Based (Alkyd, Alkyd-Oil, Epoxy) Paint	UN NUMBER: 1263
DOT HAZARD CLASS: 3 (Flammable Liquid)	

2. HAZARDOUS INGREDIENTS and PRODUCTS COVERED BY THIS MSD Sheet:

S-01. Mineral Spirits (Stoddard Solvent) CAS# 8030-30-6 or 8052-41-3	TLV=200ppm
S-02. Odorless Mineral Spirits CAS# 64741-65-7 or 64742-48-9	TLV=300ppm TWA ACGIH
S-03. 100 Solvent (Aliphatic Naphtha) CAS# 64742-95-6	TLV=25ppm TWA ACGIH
S-04. 140 Solvent (Aliphatic Naphtha) CAS# 64742-47-8	TLV=100ppm TWA ACGIH TLV=500ppm TWA OSHA
S-05. 150 Solvent (Aliphatic Naphtha) CAS# 64742-94-5	TLV=None Established
S-08. Xylene (Xylo) CAS# 1330-20-7 *May contain some Ethyl Benzene (CAS # 100-41-4, TLV 100ppm) - up to 18% of reported Xylene	TLV=100ppm ceiling SARA 313 Reportable as Xylene
S-09. VM&P Naphtha (Light Aliphatic Naphtha) CAS# 64742-89-8	TLV=300ppm PEL=300ppm
S-10. IsoPropyl Alcohol CAS# 67-63-0	TLV=500ppm
S-12. Glycol Ether EEP CAS# 763-69-9	TLV=500ppm SARA 313 Reportable as Glycol Ether
S-15. Ethylene Glycol MonoButyl Ether Glycol Ether EB CAS# 111-76-2	TLV=TLV=5 (Skin) SARA 313 Reportable
S-30. Ethylene Glycol CAS # 107-21-1 Product (if custom color) may contain up to 5% tint colorant, which may contain some Ethylene Glycol.	TLV=50ppm Ceiling SARA 313 Reportable as Ethylene Glycol
P-01. Zinc Oxide (CAS # 1314-13-2)	10mg ACGIH PEL as dust SARA 313 Reportable as Zinc Compound
P-02. Barium Metaborate Compound (CAS # 13701-59-2)	5 MG/M3 as dust SARA 313 Reportable as Barium Compound
P-03. Zinc Chromate CAS # 11103-86-9	TLV=5mg/m3 ACGIH PEL as fume SARA 313 Reportable as Zinc Compound & Chromium Compound *Chromates are suspected Carcinogens
Special Note: as of 4/95, products using this raw Proprietary mix of zinc and iron compounds CAS # N/A	material have been reformulated to use same % of following: TLV=10mg/m3 of total dust (as nuisance dust). SARA reportable as 38% Zinc (see P-04 below)
P-04. Zinc Dust CAS # 7440-66-6	10mg ACGIH PEL as dust SARA 313 Reportable as Zinc Compound
P-05. Aluminum CAS 7429-90-5	15mg OSHA/ 10mg ACGIH PEL as dust. SARA 313 Reportable as Aluminum
P-06. Crystalline Silica (as Cristobalite) (CAS 14464-46-1) Products may contain up to 20% Crystalline Silica.	10 mg/M ³ OSHA PEL 2(%SiO ₂ +2) IARC suspected Carcinogen.



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2a. PRODUCTS COVERED BY THIS MSD Sheet:

EPA Category 3.2 Rust Inhibitive Primers

Products Covered	VOC	%NVV	Hazardous Ingredient Levels
I1348 Rust Inhibitive Primer Line	<475	39%	S-01. 10% S-05. 2% S-09. 20% P-02. 4%
I1359 Epoxy Ester Primer Line,	<475	38%	S-08. 42% P-03. 14%
I1371 Rust Inhibitive Primer Line	<450	56%	S-01. 20% S-04. 6% S-05. 6% P-02. 9%
I1385 Rust Inhibitive Primer Line	<450	42%	S-09. 29% P-02. 4%
I1387 Rust Inhibitive Primer Line	<450	41%	S-01. 9% S-08. 1% S-09. 24% P-02. 4%
I1391 Chrome-free Epoxy Ester Primer Line, Including I1394	<475	38%	S-08. 42% P-02. 14%
I1387 Rust Inhibitive Primer Line, includes I1397	<475	41%	S-01. 9% S-08. 1% S-09. 24% P-02. 4%
I1398 Rust Inhibitive Primer Line	<475	40%	S-01. 9% S-09. 28% P-02. 3%

EPA Category 6.0 Metallic Pigmented Coatings

Products Covered	VOC	%NVV	Hazardous Ingredient Levels
I1064 Air Dry Aluminum Paint Line	<675	23%	S-02. 3% S-08. 62% P-05. 10%

EPA Category 9.1 Quick Dry Enamels

Products Covered	VOC	%NVV	Hazardous Ingredient Levels
I2575 Quick Dry Enamel Line, including I2649, I2655	<575	37%	S-08. 48% P-02. 2%
I2594 Quick Dry Enamel Line, including I2664, I2680	<600	34%	S-08. 57% P-02. 2%
I2600 Quick Dry Enamel Line	<600	34%	S-01. 8% S-08. 4% S-09. 25% P-02. 2%
I2660 Quick Dry Enamel Line	<600	34%	S-08. 54% P-02. 2%
I2677 Quick Dry Enamel Line	<500	34%	S-01. 6% S-08. 6% S-09. 21% S-11. 11% S-15. 1% P-06. 8%

Other Mautz products not listed above are covered by MSD Sheet # MS011-24.

- ⇒ This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding or grinding, or when applied by spray methods which create overspray and dry spray.
- ⇒ This product may contain added heavy metals (chromium, barium, etc.), and may not pass the TCLP test for heavy metals.
- ⇒ This product may contain one or more reported carcinogens or suspected carcinogens which are noted by NTP, IARC, OSHA OR ACGIH



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2b. INDIVIDUAL JURISDICTION REPORTING

Pursuant to the California Safety Drinking Water and Toxic Enforcement Act of 1986 (commonly known as Proposition 65), it has not been feasible or practical to subject all products to the detailed analyses required to determine whether each of the materials known to California to cause cancer or reproductive toxicity is present in detectable quantities. However, based on available data, the following chemicals listed by the governor of California *may* be present in this product:

CAS #	Material	% by weight	IARC	NTP	OSHA	ACGIH
14464-46-1	Crystalline Silica	0-10	P	N	N	P
00107-21-1	Ethylene Glycol	<2%	N	N	N	N
00050-00-0	Formaldehyde	<0.01%	Y	Y	Y	P

The state of New Jersey requires disclosure of the top materials in a mixture. Listed below is the required information:

CAS #	Material	CAS #	Material
13463-67-7	Titanium Dioxide	14807-96-6	Talc
14464-46-1	Crystalline Silica	Not Available	Alkyd Resin
00471-34-1	Calcium Carbonate	Various	Solvents
01332-58-7	Kaolin	(see table)	

3. PHYSICAL DATA

BOILING RANGE: 180-293° F. **VAPOR DENSITY:** Heavier than air
EVAPORATION RATE: Slower than n-Butyl Acetate
PERCENT VOLATILE BY VOLUME: See table enclosed **WEIGHT PER GALLON:** 9.5 lbs typical.

4. FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY: 3(Flammable Liquid) **OSHA/NFPA CLASSIFICATION:** Combustible Liquid-Class IB, IC
FLASH POINT: 20-99° F. TCC
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, or Foam (NFPA Class B Extinguisher)
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Containers should be kept tightly closed. Keep away from heat, open flame, electrical equip., sparks. **To avoid spontaneous combustion during temporary storage, soak soiled rags, collection filters, and waste immediately after use, in a water-filled closed metal container.**
SPECIAL FIRE FIGHTING PROCEDURES:
Water may be used to cool containers to reduce rate of burning and resist additional ignition or explosion.
THRESHOLD LIMIT VALUE: See Hazardous Ingredients
EFFECTS OF OVEREXPOSURE:
Inhalation: Irritation of eyes and respiratory tract; headache, dizziness and nausea. **Skin:** Irritant. Reports have shown repeated and prolonged occupational overexposure to solvents can result in permanent brain and skin damage.
EMERGENCY AND FIRST AID PROCEDURES:
Inhalation: Remove to fresh air. Restore breathing if necessary. Notify a physician.
Eye Contact: Flush with water. Notify a physician.
Skin Contact: Wash with soap and water. Contaminated clothing should be removed and washed prior to reuse.

5. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Hazardous Ingredients
EFFECTS OF OVEREXPOSURE:
Inhalation: Irritation of eyes and respiratory tract; headache, dizziness and nausea. Since product may contain some Crystalline Silica, continued long-term exposure to breathable quantities of spray mist or dust from abrading surfaces in excess of the PEL or TLV listed above can lead to silicosis, a progressive, sometimes fatal lung disease. Persons with pre-existing upper respiratory tract and lung diseases such as bronchitis, emphysema, and asthma may have the condition aggravated by such exposure. Crystalline silica has also been determined by IARC to be a "probable carcinogen," but has not been classified as such by OSHA or NTP.
Skin: Irritant. Reports have shown repeated and prolonged occupational overexposure to solvents can result in permanent brain and skin damage.
EMERGENCY AND FIRST AID PROCEDURES:
Inhalation: Remove to fresh air. Restore breathing if necessary. Notify a physician.
Eye Contact: Flush with water. Notify a physician.
Skin Contact: Wash with soap and water. Contaminated clothing should be removed and washed prior to reuse.



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6. REACTIVITY DATA

STABILITY: Stable **INCOMPATIBILITY:** Avoid strong Oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion will produce Carbon Monoxide & Carbon Dioxide

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Heat, Open Flame, Sparks.

7. SPILL OR LEAK PROCEDURES

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

Eliminate ALL sources of ignition. Ventilate area. Soak up spill with absorbent material (sawdust). Remove with grounded (non sparking) equipment.

WASTE DISPOSAL METHOD:

Incinerate under safe conditions. Disposal should be in accordance with local, state, and federal regulations.

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH approved chemical cartridge respirator (TC23C) to remove solid airborne particles and solvent vapors from overspray during application. This product may contain encapsulated crystalline silica. Wear appropriately fitted, NIOSH approved respirators when applying by spray or in sanding the dried film. Maintain proper ventilation to keep free crystalline silica levels below 2mg/m³ (for dusts and spray vapors). Concentrated areas or spray application may require NIOSH approved chemical respirator (TC23C) to remove airborne particles and vapors during application.

VENTILATION:

Use local exhaust to maintain TLV of most hazardous ingredient (SEE HAZARDOUS INGREDIENTS) below acceptable limit.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Safety glasses designed to protect eyes from liquid splash.

OTHER PROTECTIVE EQUIPMENT: Eye Bath/Safety Shower.

9. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:

Keep away from heat, open flame or sparks. Store in an area suitable for Flammable or Combustible liquids.

OTHER PRECAUTIONS: Not to be taken internally. Close Can when not in use to avoid emission of VOC's.

The information contained in this Material Safety Data Sheet is believed to be reliable based on information available during the compilation of data. No guarantee is expressed or implied regarding the accuracy of this information or the use of the product since the conditions for use are beyond our control. The Mautz Paint Company urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application, especially if they reuse or resell this product for applications other than what product meant for, and disclaims any liability incurred in connection with the use of our products and the information contained herein. No person is authorized or empowered to make any statement or recommendation not contained herein, and any such statement or recommendation so made shall not bind the Company.