DO THE JOB RIGHT.

Eastwood
Unique Automotive Tools and Supplies

MATERIAL SAFETY DATA SHEET

Manufactured for:
The Eastwood Company
263 Shoemaker Rd.
Pottstown, PA 19464
24-Hour ChemTrec Emergency: 800-424-9300

Health: 2
Flammability: 3
Reactivity: 0

Enamel Primer Sealer
12003ZP

Section 1: Product Identification

Product Identification: Primer Sealer
OSHA Hazard Class: Flammable Liquid
DOT Shipping Class: Paint Related Materials UN1263
Hazardous Materials Information: See Section 2.

Section 2: Hazardous Ingredients

CAS #	INGREDIENT	VAPOR PRESSURE 20°C (MMHg)	SARA 313 REPORT	OSHA	ACGIH	STEL	CEILING	WT %
Proprietary	Alkyd Resin	N/A	No	N/E	N/E	N/E	----	----
1333-86-4	Carbon Black	None	No	3.5mg/m3	3.5mg/m3	N/A	N/A	----
1309-37-1	Iron Oxide	None	No	None	10mg/m3	----	----	----
110-43-0	Methyl Amyl Ketone	2.10	No	100 ppm	100 ppm	50 ppm	----	----
107-87-9	Methyl Propyl Ketone	27.80	No	200 ppm	200 ppm	250 ppm*	----	----
8052-41-3	Mineral Spirits	2.60	No	500 ppm	150 ppm	150 ppm	----	----
13463-67-7	Titanium Dioxide	N/A	No	15mg/m3	10mg/m3	----	----	----
108-88-3	Toluene	36.00	Yes	100 ppm	50 ppm skin	150 ppm	200 ppm**	4%
14807-96-6	Talc							----
7790-90-0	Zinc Phosphate	None	No	15mg/m3	10mg/m3	----	----	----

* Denotes 15-minutes / ** Denotes 10-minutes / N/E = Not Established / N/A = Not Applicable
For each of the products that show yes in the SARA 313 Reportable column and list wt% are subject to the reporting requirements of Section 313 of the Emergency Planning and Right to Know Act of 1986 and 40CFR372.

Section 3: Physical Data

Boiling Range: 214°F - 309°F
Solubility in H2O: Slightly Miscible
Volatile (%) by Volume: 61.2%
Weight Per Gallon: 9.63 lbs/gallon
Evaporation Rate: Slower than Ether
Vapor Density: Heavier than Air
Volatile % by Weight: 42.4%
Coating VOC: 4.09 lbs./gallon

Section 4: Fire and Explosion Hazard Data

Flash Point: 45°F.
Flammable Limits: .8% - 13%
Extinguishing Media: Water Spray (for containment), Foam, Carbon Dioxide, Dry Chemical.
Special Fire Fighting Procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fogging nozzles may be used to cool closed containers to prevent pressure build up preventing rupturing. Do not use direct water stream on combustible or flammable liquid fires.
Unusual Fire and Explosion Hazards: When heated above the defined flash points, these solvents emit flammable vapors, which when mixed with air, can burn or be explosive when exposed to any ignition source. Fine mists or spray may be flammable at temperatures below the flash point.

Section 5: Health Hazard Data

General Effects:

If Ingested:
Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of the ingredients available.
If Inhaled:
May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with breathing problems or prior reaction to isocyanates must not be exposed to vapors or spray mist of this product. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
If Skin or Eye Contact:
May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15-minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:

Mineral Spirits: Laboratory studies with rats have shown that petroleum distillates cause kidney damage and kidney or liver tumors. These effects were seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors. May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath.
Methyl Amyl Ketone: Ingestion studies on laboratory animals showed that very high oral doses caused increase liver and kidney weights.
Toluene: Continuous recurrent overexposure may cause liver or kidney damage. High airborne levels have produced irregular heartbeats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. Warning: This chemical is known to the state of California to cause birth defects or other reproductive harm.

Section 6: Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): None reasonably foreseeable.
Hazardous Decomposition Products: CO, CO_2, Smoke.
Hazardous Polymerization: Will not occur.

Section 7: Spill or Leak Procedures

Steps to be taken in case material is released or spilled:

Ventilate area. Remove sources of ignition. Prevent skin contact and breathing of vapor. Wear a properly fitted vapor/particulate respirator (NIOSH/MSHA TC-23C). Confine and remove with inert absorbent.

Waste Disposal Method:

Do not allow material to contaminate ground water systems. Incinerate absorbed material in accordance with federal, state, and local requirements. Do not incinerate in closed containers.

Section 8: Special Protection Information

Respiratory:
Do not breathe vapors or mists. Wear a positive pressure supplied air respirator (NIOSH/MSHA TC-19C) or equivalent while mixing activator with any paint or clear, during application and until all vapors and spray mists are exhausted. Individuals with a history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed to this product. Do not permit anyone without protection in the painting area. Follow the respirator manufacturer's directions for respirator use.

Ventilation:
Provide sufficient ventilation in volume and pattern to keep contaminants below applicable OSHA requirements.

Protective Clothing:
Neoprene gloves and coveralls are recommended.

Eye Protection:
Desirable in all industrial situations. Include splashguards or side shields.

Section 9: Special Precautions

Precautions to be taken in handling and storing:
Observe label precautions. Keep away from heat, sparks and flame. Close container after each use. Ground containers when pouring. Wash all exposed areas thoroughly after handling and before eating or smoking. Do not store above 120 °F

Other Precautions:
Do not sand, flame cut, braze or weld dry coating without a NIOSH/MSHA approved respirator or appropriate ventilation.

Xylene: When present, it can be assumed 18-20% of the weight % reported is Ethylbenzene.
Flash Point: Determined by TCC, expressed in degrees Fahrenheit.
Coating VOC: $W_s - W_w - W_{EX} \div V_T - V_W - V_{EX}$ Represents VOC per EPA Method 24.
Material VOC: $W_S - W_W - W_{EX}$
Where: W_S = total solvent weight; W_W = weight of water; W_{EX} = weight of exempt solvent; V_{EX} = volume of exempt solvent; V_W = volume of water; V_T = total volume

WARNING: KEEP THIS AND ALL PAINT RELATED PRODUCTS OUT OF THE REACH OF CHILDREN!
The information contained in this MSDS is based on data from sources considered to be reliable but M.A.P. does not guarantee the accuracy or completeness thereof. The Eastwood Company urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention as necessary or appropriate to use and understand the data in this MSDS.
Note: The data on this MSDS relates only to individual components and does not represent the end mixed product. Read all other component Material Safety Data Sheets.

END OF MSDS.