

MATERIAL SAFETY DATA SHEET

1409  
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Section I -- PRODUCT IDENTIFICATION

PRODUCT NUMBER	HMIS CODES
W1409	Health 2
	Flammability 3
	Reactivity 0

\* PRODUCT NAME  
White Lacquer Primer/Undercoater  
PRODUCT CLASS  
Lacquer

Section II -- HAZARDOUS INGREDIENTS

INGREDIENT CAS No.	% by WT	ACGIH TLV	OSHA PEL	UNITS	V.P.
Toluene. 108-88-3	26 STEL	50	100 PPM (Skin)		22.00
2-Propanol 67-63-0	7 STEL	400	400 PPM		33.00
Ethyl Isobutyl Ketone. 108-10-1	21 STEL	50	50 PPM		16.00
Dibutyl Phthalate. 84-74-2	3	5	5 MG/M3		0.00
Kaolin 1332-58-7	13	2	5 MG/M3 as Resp. Dust		
Talc 14807-96-6	11	2	2 MG/M3 as Resp. Dust		
Titanium Dioxide. 13463-67-7	7	10	10 (5) MG/M3 as Dust ***		
*** Total Dust (Respirable Fraction)					

Section III -- PHYSICAL DATA

PRODUCT WEIGHT -- 9.45 lb./gal. EVAPORATION RATE -- Slower than Ether  
 SPECIFIC GRAVITY -- 1.14 VAPOR DENSITY -- Heavier than Air  
 BOILING POINT -- 178-242 F MELTING POINT -- N.A.  
 VOLATILE VOLUME -- 74 g SOLUBILITY IN WATER -- N.A.  
 VOC (Theoretical) -- 5.13 lb. 614 gm. (less Federally Exempt Solvents)

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT  
45 F PMCC  
FLAMMABILITY CLASSIFICATION  
RED LABEL -- Flammable, Flash below 100 F

REF.	REF.
1.0	12.7

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**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, Foam

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES**

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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**Section V -- HEALTH HAZARD DATA**  
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**ROUTES OF EXPOSURE**

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

**ACUTE Health Hazards**

**EFFECTS OF OVEREXPOSURE**

Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

None generally recognized.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF INHALED:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**If on SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**If in EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**If SWALLOWED:** Get medical attention.

**CHRONIC Health Hazards**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems.

Rats exposed to titanium dioxide dust at 250 mg./m<sup>3</sup> developed lung cancer, however, such exposure levels are not attainable in the workplace.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

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**Section VI -- REACTIVITY DATA**  
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STABILITY -- Stable

CONDITIONS TO AVOID

None known.

COMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

Section VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII -- PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are OSHA PEL 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

Section IX -- PRECAUTIONS

DOT STORAGE CATEGORY

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Contents are **FLAMMABLE**. Keep away from heat, sparks, and open flame.  
During use and until all vapors are gone: Keep area ventilated - Do not  
smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves,  
electric tools and appliances, and any other sources of ignition.  
Consult NFPA Code. Use approved Bonding and Grounding procedures.  
Keep container closed when not in use. Transfer only to approved  
containers with complete and appropriate labeling. Do not take internally.  
Keep out of the reach of children.

**OTHER PRECAUTIONS**

Intentional misuse by deliberately concentrating and inhaling the  
contents can be harmful or fatal.

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**Section X -- OTHER REGULATORY INFORMATION**

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**SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION**

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
106-88-3	Toluene.	26	
108-10-1	Methyl Isobutyl Ketone.	21	
84-74-2	Dibutyl Phthalate.	3	

**CALIFORNIA PROPOSITION 65**

**WARNING:** This product contains chemicals known to the State of  
California to cause cancer and birth defects or other reproductive harm.

**TSCA CERTIFICATION**

All chemicals in this product are listed, or are exempt from listing,  
on the TSCA Inventory.

The above information pertains to this product as currently formulated,  
and is based on the information available at this time. Addition of  
reducers or other additives to this product may substantially alter the  
composition and hazards of the product. Since conditions of use are  
outside our control, we make no warranties, express or implied, and assume  
no liability in connection with any use of this information.