

MATERIAL SAFETY DATA SHEET



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Latex Exterior Finishes - A-100® Latex Exterior Finishes

LE/2

| | | | | | | FLAT | SATIN | Gloss | EXT. WOOD PRIMER | | | | | | |
|---|---|--|--|--|--|------------------------------|---------------------------|-------------------------------|----------------------------|--|---------------------------|-------------------------|--|---------|--|
| | | | | | | A6 B 550 Tricom Black | A6 R 533 Burgundy | A82 B 550 Tricom Black | A82 R 533 Burgundy | A8 B 512 Tricom Black | A8 W 16 White | B42 W 41 Wood Primer | | | |
| | | | | | | A6 G 514 Base C | A6 W 16 White | A82 G 514 Base C | A82 W 501 Perma White | A8 G 531 Base C | A8 W 524 Perma White | | | | |
| | | | | | | (A6 H A14) Eaglet Beige | A6 W 501 Perma White | (A82 H 514) Eaglet Beige | A82 W 510 White | A8 N 503 Plantation Brown | A8 W 525 Tinting White | | | | |
| | | | | | | (A6 H A16) Buff | A6 W 515 Base A | (A82 H 516) Buff | A82 W 515 Base A | A8 N 515 Chateau Brown | A8 W 541 Base A | | | | |
| | | | | | | A6 N 507 Chateau Brown | A6 W 520 UltraDeep | A82 N 507 Chateau Brown | A82 W 596 Tinting White | (A8 R 527) Base D | A8 Y 520 Yellow Corn | | | | |
| | | | | | | A6 N 556 Plantation Brown | A6 W 596 Tinting White | A82 N 556 Plantation Beige | A82 Y 516 Base B | A8 R 533 Burgundy Base | A8 Y 558 Base B | | | | |
| | | | | | | (A6 R 503) Rustic Red | A6 Y 516 Base B | (A82 R 503) Rustic Red | A82 Y 554 Yellow Corn | | | | | | |
| | | | | | | A6 Y 554 Yellow Corn | | | | | | | | | |
| SECTION II | | | | | | ACGIH TLV <STEL> | OSHA PEL <STEL> | Units | Vapor Pressure (mm Hg) | | | | | | |
| CAS No. | HAZARDOUS INGREDIENT (percent by weight) | | | | | | | | | | | | | | |
| 107-21-1 | S Ethylene Glycol | | | | | C 50 | C 50 | PPM | 0.1 | less than 5% may be added due to tinting | | | | | |
| 112-34-5 | S 2-(2-Butoxyethoxy)-ethanol | | | | | Not Established | | | 0.1 | | | | | | |
| 14808-80-7 | Quartz | | | | | 0.1 | 0.1 | Mg/M3 | as Resp. Dust | 6-24 | | | | | |
| 14464-46-1 | Cristobalite | | | | | 0.05 | 0.05 | Mg/M3 | as Resp. Dust | 1-2 | | 0.4-1.7 | | 0.1-0.8 | |
| 1332-58-7 | Kaolin | | | | | 2 | 5 | Mg/M3 | as Resp. Dust | 0-6 | | 2-4 | | 0-2 | |
| 14807-96-6 | Talc | | | | | 2 | 2 | Mg/M3 | as Resp. Dust | | | | | | |
| 13463-87-7 | Titanium Dioxide | | | | | 10 | 10[5] | Mg/M3 | as Dust [Resp. Fraction] | 0-18 | | 0-19 | | 0-17 | |
| 1314-13-2 | Zinc Oxide | | | | | 10 | 10[5] | Mg/M3 | as Dust [Resp. Fraction] | 0-2 | | 0-3 | | 0-2 | |
| 1333-86-4 | Carbon Black | | | | | 3.5 | 3.5 | Mg/M3 | as Dust | 1 <Black only> | | | | | |
| S Nickel Compound [% Nickel] | | | | | | 7.6[0.3] <Yellow Corn only> | | 8.5[0.4] <Yellow Corn only> | | 7.7[0.3] <Yellow Corn only> | | | | | |
| S Antimony Compound [% Antimony] | | | | | | 7.6[1.1] <Yellow Corn only> | | 8.5[1.2] <Yellow Corn only> | | 7.7[1.1] <Yellow Corn only> | | | | | |
| S Zinc Compound [% Zinc] | | | | | | 2[1.6] | | 3[2.4] | | 2[1.6] | | 0.6[0.5] | | | |
| Weight per Gallon (lbs.) | | | | | | 9.95-11.06 | | 8.93-10.43 | | 8.80-10.02 | | 10.90 | | | |
| Percent Water | | | | | | 46.8-54.5 | | 50.0-59.7 | | 51.1-58.0 | | 45.3 | | | |
| Volatile Organic Compounds (VOC) - (lbs./gal.) Total Less Water | | | | | | 0.26-0.47 0.76-1.26 | | 0.28-0.44 0.77-1.11 | | 0.37-0.50 0.99-1.29 | | 0.41 1.01 | | | |
| HMIS (NFPA) Rating (health - flammability - reactivity) | | | | | | 2* 0 0 | | 2* 0 0 | | 2* 0 0 | | 2* 0 0 | | | |

* Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

Section III - PHYSICAL DATA

| | |
|----------------------------|--------------------------------------|
| PRODUCT WEIGHT - See TABLE | EVAPORATION RATE - Slower than Ether |
| SPECIFIC GRAVITY - 1.1-1.3 | VAPOR DENSITY - Heavier than Air |
| BOILING RANGE - 212-448 °F | MELTING POINT - N.A. |
| VOLATILE VOLUME - 40-75 % | SOLUBILITY IN WATER - N.A. |
| pH - 8.5-9.8 | |

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION Not Applicable FLASH POINT Not Applicable LEL N.Ap. UEL N.Ap.
Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

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.

Section V - HEALTH HAZARD DATA

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 upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

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

Crystalline Silica (Quartz, Cristobalite) is listed by IARC. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans.

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

Rats exposed to titanium dioxide dust at 250 mg./m³ developed lung cancer, however, such exposure levels are not attainable in the workplace.

Section VI - REACTIVITY DATA

STABILITY - Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

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 these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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.

These coatings 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 ACGIH TLV 10 mg./m³ (total dust), 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

DOL STORAGE CATEGORY - Not applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

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.

Section X - OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65

WARNING: These products contain a chemical(s) known to the State of California to cause cancer.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this products may substantially alter the composition and hazards of these products. 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.