

MATERIAL SAFETY DATA SHEET

MANUFACTURER: Spectrum Mfg. Corp.
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SECTION I: PRODUCT IDENTIFICATION

IDENTITY: Spectrum Uni-Bond

SECTION II: COMPONENTS

	<u>CAS Req. No</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Acrylic Polymer dispersed in water		Non Hazardous	
Silica	14808-60-7	0.1	0.1 mg/rn ³ resperable
Limestone	1317-65-3	5	10 mg/rn ³ resperable

SECTION III: PHYSICAL PROPERTY INFORMATION

Boiling Point: 212 - 400 °F
Vapor Pressure (mm Hg): Greater than 1
Vapor Density: Heavier than air
Specific Gravity (water=1): 1.1- 1.3
Solubility in Water: Dilutable
Evaporation rate (BU'TYL ACETATE -1): Less than one
Appearance / Odor- Thick white paste, mild ammonia odor, pH 8-10

SECTION IV: FIRE AND EXPLOSION HAZRD INFORMATION

Flash Point >199 F PMCC
Explosion Limits: N/A
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 may be used to cool closed containers to prevent pressure buildup.

SECTION V: REACTIVITY DATA

STABILITY- Stable

INCOMPATIBILITY- None Known

HARRDOUS DECOMPOSITION PRODUCTS- By fire: Carbon Dioxide, Carbon Monoxide

HARRDOUS POLYMERIZATION- Will Not Occur

Date Prepared: May 6, 1999

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

Routes of Exposure: INHALATION - YES EYES/SKIN – YES

ACUTE Health Hazards: 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.

Emergency and First Aid Procedures:

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

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

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

IF SWALLOWED: Get medical attention.

CHRONIC Health Hazards: Crystalline Silica 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.

SECTION VII SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is released or spilled: Do not allow material to flow into sewers and open bodies of water.

Ventilate and remove with inert absorbent.

Disposal Method: Waste from Latex Finishes is not hazardous.

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

Ventilation: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits.

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.

Protective Gloves: Rubber

Eye Protection: Wear safety spectacles with sideshields.

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.