

HILLSBORO ELEMENTARY SCHOOLS715 S.E. 6th Ave.  
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET OT 0074

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SECTION I. MATERIAL IDENTIFICATION

Common/Trade Name: Highlight  
Chemical Name: N/A  
Chemical Family: Not given

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SECTION II. HAZARDOUS INGREDIENTS

Ingredients:	%	TLV Units
Styrene Acrylic Polymers	20 - 22%	Not given
Diethylene Glycol Methyl Ether	5 - 10%	30 ppm <sub>3</sub>
Resin	1 - 3 %	5 mg/m
Dibutyl Phthalate	1 - 3 %	Not given
Tributoxyethyl Phosphate	1 - 3 %	Not given
Water	Balance	

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SECTION III. PHYSICAL DATA

Boiling Point (°F):	Approx. 212°F	Specific Gravity (Water=1):	1.0395
Vapor Pressure (mm Hg):	Not determined	Percent Volatile (By volume):	75
Vapor Density (Air=1):	Water		
Solubility in Water:	Complete	Evaporation Rate (Bu.Ac. = 1):	About 1
Appearance and Odor:	Thin, milky white liquid - Bland odor		

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SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A                      Flammable Limits: N/A  
Extinguishing Media: Foam, CO<sub>2</sub>, Dry Chemical, Water Fog  
Special Fire Fighting Procedures: Routine fire fighting procedures may be used.  
Cool and use caution when approaching or handling fire exposed containers.  
Acrylic emulsions will not burn; they may splatter if temperature exceeds boiling point (212°F)  
Unusual Fire and Explosion Hazards: Container may burst or melt in heat of fire.  
Dried polymer films are capable of burning.

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SECTION V. HEALTH HAZARD DATA

Threshold Limit Value: See Section II

#### Effects of Overexposure:

Eyes: Irritant

Skin: Irritant

Breathing: Can cause headache, nausea, and irritation of the nose, throat, and lungs.

Swallowing: Can result in narcosis or kidney injury.

#### Emergency and First Aid Procedures:

Eyes: Flush with clean, luke warm, low pressure water for 15 minutes. If pain, irritation, or redness persists, obtain medical attention.

Skin: Remove contaminated clothing as needed. Wash skin thoroughly with mild soap/water. Flush skin with luke warm water for 15 minutes. Launder clothing before reuse.

Breathing: Remove to fresh air immediately. Obtain medical attention if breathing difficulty persists.

Swallowing: If victim is conscious, give 8 to 10 ounces of water or milk. IMMEDIATELY call a physician or Poison Control Center.

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#### SECTION VI. REACTIVITY DATA

Stability: Stable

Conditions To Avoid: Do not mix with other chemicals. Do not expose to heat or freezing temperatures.

Incompatible With: Strong oxidizing agents.

Hazardous Decomposition Products: Incomplete combustion will possibly generate highly poisonous carbon monoxide, phosphorus oxides, HF and other possible toxic gases.

Hazardous Polymerization: Will not occur

Conditions To Avoid: Do not mix with other chemicals. Do not expose to heat or freezing temperatures.

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#### SECTION VII. SPILL OR LEAK PROCEDURES

Procedures In Case of Spill or Leak: Floors may be slippery; care should be exercised to avoid falls. Keep unnecessary people away. Ventilate. Dike and contain large spills with inert materials and transfer liquid to containers for recovery or disposal. Rinse affected area thoroughly with water. Use protective gear. Emulsions can be coagulated by stepwise addition of lime and ferric chloride or ferric sulfate to a clean water end point. Keep spills out of municipal sewers and open bodies of water.

Waste Disposal: Dispose in accordance with current local, state and federal regulations. The uncoagulated emulsion should be incinerated in approved equipment. Coagulum and contaminated diking material should be land-filled according to current local, state and federal regulations. Clean water may be sewerred for biological treatment in accordance with current local, state federal regulations.

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#### SECTION VIII. SPECIAL PROTECTION INFORMATION

Type of Respiratory Protection: NSR under normal use conditions with good ventilation. Otherwise, approved NIOSH respirator where vapor concentrations are encountered as in high temperature or misting.

Ventilation: General room ventilation is normally adequate  
Protective Gloves: Rubber, PVC, or other impervious materials.  
Eye Protection: Avoid splashing. Use splash-proof safety goggles if  
potential for splashing exists.  
Other Protective Equipment: Use good personal hygiene practices.  
Impermeable aprons, safety shower, and eyebath should be available.

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#### SECTION IX. SPECIAL PRECAUTIONS

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Handling/Storage Precautions: Protect from physical damage. Keep containers closed. Use good industrial hygiene and good housekeeping techniques. Wash thoroughly after handling. Store in cool, dry location with adequate ventilation. Keep from freezing. Keep away from food products and food handling areas. Dispose of empty containers - product residue may remain in/on empty containers. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: Not given