

MATERIAL SAFETY DATA SHEET

Penn Valley Paint 8000 Bristol Pike Levittown, PA 19057 215-949-0800

24 Hour Emergency Phone Number 215-547-7097

SECTION 1: PRODUCT IDENTIFICATION

Date Prepared: March 13, 2001

Product: PVP Pool Paint
Code: 26 Series

SECTION 2: INGREDIENTS

	CAS NUMBER	% WT.	ACGIH TLV (a)	OSHA PEL
* Xylene	1330-20-7	21.0	100 ppm	100 ppm
* Aromatic Hydrocarbon	64742-95-6	12.0	50 ppm	100 ppm
* Naptha	8032-32-4	7.5	300 ppm	300 ppm
* Methanol	67-56-1	.6	200 ppm	200 ppm

* Items found in Section 313 on the Toxic Chemical List

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

SECTION 3: PHYSICAL DATA

Bolling Range:	250 - 300 ° F	Solubility In Water:	None
Vapor Density	heavier than air	Volatile by Weight:	45.0 %
Evaporation Rate (nBuAc=1)	1.0	Specific Gravity:	1.28
Odor/Appearance:	Strong aromatic odor/viscous pigmented liquid	Gallon Weight:	10.7

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash point: 54 ° F TCC
Flammable Limits by Volume in Air at 212 ° F: Lower Explosive Limit: 1.0 %
Upper Explosive Limit: 6.6 %

Extinguishing media: Foam, carbon dioxide, or chemical fire fighting apparatus.

Unusual fire and explosion hazards: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flames. Closed containers may explode when exposed to extreme heat.

Special Fire Fighting Procedures: Water may be ineffective. Water spray may be used to cool closed containers to prevent pressure buildup and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferred. Fire fighters should wear self-contained breathing apparatus.

SECTION 5: REACTIVITY DATA

This product is stable under normal conditions. Avoid exposure to excessive heat and cold.

Incompatibility: Strong Oxidizers

Hazard decomposition products: Thermal decomposition may yield carbon dioxide, hydrogen and formaldehyde gas.

Hazardous polymerization can not occur: Avoid contact with strong alkalis, isocyanates, anhydrides, oxides and inorganic acids.

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value: See Section 2
Possible Route of Entry: Inhalation, Ingestion, Skin Absorption
Effects of Overexposure:

Immediate effects (ACUTE):

EYES: Exposure to liquid or vapor may cause mild eye irritation. Symptoms may include stinging, tearing and redness.

SKIN: Exposure may cause mild irritation. Harmful effects are not expected from this route of exposure under normal use and handling conditions.

BREATHING: Exposure to vapor or mist is possible. Short term inhalation toxicity is low, breathing small amount during normal handling is not likely to cause harmful effects. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of overexposure may include irritation to nose, throat and respiratory tract, dizziness, nausea and headache. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

SWALLOWING: Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects. Large amounts may be harmful, symptoms may include nausea, vomiting and diarrhea.

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SECTION 6: HEALTH HAZARD DATA... continued**Delayed effects (CHRONIC):**

Effects of chronic overexposure may aggravate pre-existing lung disorders such as asthma-like conditions or shortness of breath.

IARC, NTP, or OSHA does not list this material or its components as a carcinogen.

Medical Conditions Generally Aggravated by Exposure – any respiratory or skin condition.

Emergency and First Aid Procedures:

IF SWALLOWED:	Do not induce vomiting, call a physician immediately.
INHALATION:	Remove person from exposure area, if breathing has stopped, use mouth-to-mouth resuscitation and get medical attention.
EYE CONTACT:	Flush with water for 15 minutes.
SKIN CONTACT:	Wash with soap and water.

SECTION 7: SPILL OR LEAK PROCEDURES

Ventilate Area: Avoid breathing of vapors. Use self-contained breathing apparatus or air mask for large spills in a confined area. Eliminate ignition sources. Remove with inert absorbent and non-sparking tools. Avoid contact with eyes and skin.

Waste Disposal Method: Dispose in chemical disposal area or in a manner that complies with local, state, and federal regulation. DO NOT incinerate closed containers.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear appropriate, properly fitted respirator (NIOSH / MSHA approved) during and after application unless air monitoring vapor / mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

Ventilation: Required for handling in a confined area, ventilation equipment should be explosion proof. Eliminate ignition sources.

Protective Gloves: Usual hand protection for handling paint products.

Eye Protection: Usual eye protection for handling paint products.

Other Protective Equipment: Usual clothing for handling paint products.

SECTION 9: SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Containers should be grounded when pouring. Avoid free fall or liquid in excess of a few inches.

Keep Away from Heat, Sparks and Open Flames: Keep containers closed when not in use. DO NOT store above 120°F. Based on the product flash point and vapor pressure. Suitable storage should be provided in accordance with OSHA Regulation 1910.106. Empty containers may contain product residue including flammable or explosive vapors. DO NOT cut, puncture or weld on or near container. All label warnings must be observed until the container has been cleaned or reconditioned.

ABBREVIATIONS USED:

ACGIH	-	American Conference of Governmental Industrial Hygienists
CAS	-	Chemical Abstracts Service
IARC	-	International Agency for Research on Cancer
LEL	-	Lower Explosive Limits
MG CU M	-	Milligram per Cubic Meter
MM	-	Millimeters
MPPCF	-	Millions of Particles per Cubic Foot
MSHA	-	Mines Safety and Health Administration
NA	-	Not Applicable
N/E	-	Not Established
NIOSH	-	National Institute of Occupational Safety and Health
PEL	-	Permissible Exposure Level
PPM	-	Parts per Million
OSHA	-	Occupational Safety and Health Administration
RECM	-	Recommended
TCC / PM	-	Tag – Closed Cap / Pensky - Martin
TLV	-	Threshold Limit Values
UEL	-	Upper Explosive Limits

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