

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): WBP  
Description: Emulsion for Silk Screens

DATE PREPARED/ REVISED:

January 07, 2011

### SUPPLIER'S NAME

Ryonet Corporation  
11800 N.E. 60th Way  
Vancouver, WA 98682 USA

PREPARED BY:

H.S.D.

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## II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	ACGH TLV	OSHA PEL	Other (specify)
Vinyl Acetate Monomer	108-05-4	< 0.1	10 ppm		

Exposure Limits in Air (give units)

## III. PHYSICAL PROPERTIES

Vapor density (air =1):	NA	Melting point or range, °F	ND
Specify gravity:	1.05	Boiling point or range, °F	212
Solubility in water:	Miscible	Evaporation rate (butyl acetate =1):	<1
Vapor pressure, mmHg at 20 °C:	NA	pH (1% solution):	4-5

### Appearance and odor:

Red color with slight acetate odor. Viscosity = 11000 cp

## IV. FIRE AND EXPLOSION

Flash point, °F (give method): Not Flammable

Auto ignition temperature, °F: NA

Flammable limits in air volume %: lower (LEL) NA upper (UEL) NA

Fire extinguishing materials: water spray  foam  carbon dioxide  dry chemical  other \_\_\_\_\_

Special fire fighting procedures:

NA

Unusual fire and explosion hazards:

NA

## V. REACTIVITY DATA

Stability: Stable  Unstable \_\_\_\_\_

Conditions to avoid:

Heat and exposure to sunlight.

Incompatibility (materials to avoid):

None known.

Hazardous decomposition products (including combustion products):

CO, CO<sub>2</sub>, and unidentified organic compounds.

Hazardous polymerization: May occur \_\_\_\_\_ Will not occur

Conditions to avoid:

Heat and exposure to light.

## VI. HEALTH HAZARD INFORMATION

### SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

**Inhaled:** Excessive exposure may cause irritation to upper respiratory tract or central nervous system effect.

**Skin:** Prolonged or repeated exposure may cause skin irritation.

**Swallowed:** Gastric distress, nausea.

### HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

**Acute:** Possible skin irritation.

**Chronic:** Possible allergic reaction.

### FIRST AID EMERGENCY PROCEDURES:

**Eye contact:** Irrigate flowing water immediately and continuously for 15 minutes. Consult medical personnel.

**Skin contact:** Immediately flush eyes with fresh water for at least 15 minutes, remove contaminated clothing and shoes.

**Inhaled:** Remove to fresh air.

**Swallowed:** Induce vomiting if large amounts are ingested. Consult medical personnel.

**CARCINOGENICITY?** YES: \_\_\_\_\_ NO:

This product's ingredients are found in this list. Federal OSHA \_\_\_\_\_ NTP \_\_\_\_\_ IARC \_\_\_\_\_ ACGIH \_\_\_\_\_

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions.

## VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill response procedures (include employee protection measures):** Absorb small spills onto sand or other material.

Large spills should be diked and recovered.

**Disposal Methods:** Hardened material may be land filled.

**NOTE:** Dispose of all wastes in accordance with federal, state, and local regulations.

## VIII. SPECIAL HANDLING PROCEDURES

**Respiratory protection (type):** None required under normal use conditions.

If respiratory irritation is experienced, use an approved air-purifying respirator

**Ventilation and engineering controls:** General ventilation recommended.

**Eye protection (type):** Chemical goggles/ Safety glasses

**Gloves (specify material):** Neoprene gloves to prevent direct skin contact

**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.

**Work practices, hygienic practices:** Wash hands thoroughly after handling. Wash hands before eating or smoking.

**Other handling and storage requirements:** Protect from freezing.

## IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMIS Code System Rating = Health 1; Flammability 0; Reactivity 0

NFPA 704 Code System Rating = Health 0; Flammability 0; Reactivity 0

Volatile Organic Compound (VOC) = none

The components in this product are all listed under TSCA.