

# Conpro Shield QS2

Material Safety Data Sheet  
Effective Date 05/91

HMIS Ratings  
Health-1  
Flammability-0  
Reactivity-0

## SECTION 1 Hazardous Ingredients

COMPONENT	CAS#	%	OSHA PEL ACGIH TLV	
Styrene-Acrylic Polymer	25036-16-2	*	N.E. **	N.E.
Z-Butoxyethanol	111-76-2	8.7	25 ppm 50 ppm	25 ppm
Ethylene Glycol	107-21-1	<0.5	ceiling	3 ppm

## SECTION 2 Physical Data

pH	(Approx.) 9.0-9.5
Flash point	150°F (TCC)
Vapor Pressure	0.88mmHg @ 77°F
Viscosity	(Air = 1): 4.1
Evaporation rate	Slower than Butyl Acetate
Physical State	Milky white liquid
Odor	Acrylate
Sp. Gr.	1.025
% solubility (water)	Miscible
Explosive Limit:	LEL: 1.1% UEL: 10.6%
% Volatiles	65% (by weight)

## SECTION 3 Reactivity Data

Stable. Will congeal on contact with acid. Excessive heat may cause various hydrocarbons to off gas.

## SECTION 4 Health Hazard Effects

Skin Effects	May cause skin irritation after prolonged or repeated contact. Hypersensitive individuals may develop an allergic response.
Eye Effects	Irritating to the eyes.
Respiratory Effects	May cause minor irritation to upper respiratory tract.

Residual Styrene monmer contained is less than 0.05%. At this level it is not regulated. Overexposure to styrene may cause central nervous system depression. IARC has classified styrene as a group 2B "possibly carcongenic to humans." OSHA has determined that current evidence does not support a carcinogenic classification for styrene.

2-Butoxyethanol can be absorbed through the skin and repeated or prolonged exposure may cause liver, kidney, lung, blood, spleen and testes damage. Exposure to laboratory animals causes harm to fetus of pregnant animals. Relevance to humans is uncertain.

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## SECTION 5 First Aid Instructions

Skin Contact	Remove contaminated clothing. Wash exposed area with a large quantity of soap solution or water for at least 15 minutes.
Eye Contact	Immediately flush with water for at least 15 minutes. Contact a physician immediately for additional treatment.
Inhalation Exposure	Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.
Ingestion	Do not feed anything by mouth to unconscious or convulsive victim. Dilute contents of stomach and induce vomiting. Contact physician immediately.

## SECTION 6 Spill, Disposal and Fire Instructions

Spill Instructions	Eliminate all sources of ignition. Contain and soak up material. Place in closed containers.
Disposal Instructions	Dispose of all waste in accordance with local, state, and federal regulations. Prevent entry into sewer.
Fire Extinguishing Instructions	Excess heat may cause containers to burst. Use foam, water, carbon dioxide or dry chemical to extinguish.

## SECTION 7 Special Protective Equipment

Ventilation Equipment	Adequate ventilation. Mechanical ventilation in confined areas.
Recommended Respiratory Protection	If ventilation is inadequate or significant product exposure is likely, use of a NIOSH/MSHA approved respirator is recommended.
Recommended Skin Protection	Rubber gloves and full coveralls
Recommended Eye Protection	Splash proof chemical goggles.
Other	Impervious boots and clothing

## SECTION 8 Storage and Handling Precautions

Storage Instructions	Keep in a dry environment, off of floor. Keep from freezing
Handling Instructions	Normal chemical handling.

## SECTION 9 Federal Regulations

FIFRA (40 CFR) –EPA Reg. No. Not applicable.  
OSHA (29 CFR Sec. 1910) – Safety and Health Standards-See Section 1.  
FDA (21 CFR) Ingredients authorized under – None.

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