
MATERIAL SAFETY DATA SHEET

Section 1. Identification of the substance/ preparation

PRODUCT NAME: FLUOROBLEND- COPOLYMER

PRODUCT NUMBER:66070 WB

PRODUCT USE: Specialty polymers

EMERGENCY PHONE: Chemtrec 1-800 424 9300

COMPANY: Shield Products

2796 Clydo Road, Jacksonville, Fl 32207

PHONE NUMBER: 904-732 7009

Section 2. Composition/Information on Ingredients

HAZARDOUS CHEMICAL IDENTITY	%	CAS NO.	TLV-1WA (8 hours)	TLV-S1EL (15 mlns)	OSHA PEL
Water	50/60	7732-18-5	N.E.	N.E.	N.E.
Triethylamine salt of polymers	20-40	Propretary	N.E.	N.E.	N.E.
2-Butoxyethanol	1	111-76-2	25ppm	25ppm	MD.
Diethylene glycol monobutyl ether	4	112-34-5	N.E.	N.E.	N.D.
n-Methyl-2-pyrrolidone	3	872-56-4	N.E.	N.E.	MD.

Section 3. Hazards Identification

ROUTES OF ENTRY: Skin contact. Eye contact

POTENTIAL ACUTE HEALTH EFFECTS

Eyes: Direct contact may cause irritation.

Skin: Prolonged or repeated contact may cause irritation

Ingestion: May cause Gastrointestinal irritation, nausea, diarrhea

Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation..

Section 4. First aid measures

First aid- Notes to physician

Eyes: Flush with large amounts of water for 15 minutes holding eye lids open.

Skin: Wash with mild soap and water.

Ingestion: Give 2-3 large glasses of water. Seek Medical attention.

Inhalation: Remove to fresh air and rest.

Section 5. Fire fighting measures

EXTINGUISHER MEDIA: Use DRY chemicals. Co₂. water spray or foam. FLASH POINT: None.

SPECIAL; FIRE FIGHTING PROCEDURES: None Autoignition Temperature: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. UEL:NA LEL: NA

Section 6. Environmental Precautions and clean up methods

Steps to be taken if materials spilled or released

Collect and reuse if possible. flush to sewer with large quantities of water if permitted by regulatory authorities.

Do not allow run off into public waterways.

Section 7. Handling and storage

HANDLING REQUIREMENTS: After handling, always wash hands Thoroughly with soap and water.

STORAGE REQUIREMENTS: Store in cool, dry area. Follow good housekeeping practices.

Section 8. Exposure controls and personal protection

ENGINEERING CONTROLS : Local Exhaust Acceptable Mechanical:. Recommended

PROTECTIVE CLOTHING hygienic measures: Do not eat. drink or smoke during use.

Protective Gloves: Rubber for prolonged exposure.

Eye Protection: Safety glasses if splashing is likely.

Respiratory Protection: None normally required with adequate ventilation.

Protective Clothing & equipment as needed to prevent wetting of skin.

Section 9. Physical & Chemical Properties

COLOR: off-white.

ODOR: Bland

PHYSICAL STATE: Liquid: Specific Gravity 1.03 gm

BOILING POINT: 100°C (212F) VAPOR PRESSURE: <30 mm of Hg FREEZING POINT: 0°C (32°F)

VAPOR DENSITY: <1 PH 7.5 -8.5 , voc: 9.3% EVAPORATION RATE: N.E. , Solubility: Miscible

Section 10. Stability and reactivity

CONDITIONS TO AVOID/ INCOMPATIBILITY(MATERIALS TO AVOID): None known

HAZARDOUS THERMAL DECOMPOSITION /COMBUSTION PRODUCTS: None known

STABILITY: Stable.

HAZARDOUS POL YMERIZATION: Will not occur..

Section 11. Toxicological Information

<u>Ingredient Name</u>	<u>LD50 N.D.</u>	<u>LC50</u>
Water	N.D.	N.D.
Triethylamine salt of polymers	>5g/kg (est)	N.D
2-Butoxethanol	450mg/kg	700ppm 7hr
Diethylene - glycol monobutyl ether	7292mg/kg	N.D.
n--Methyl-2-pyrrolidone	4200mg/kg	N.D.

DEVELOPMENT TOXICOLOGICAL DATA

Carcinogenic Effects: NO carcinogenic effect.

Mutagenic Effects: NO mutagenic effect..

Teratogenic Effects: NO teratogenic effect

Reproductive Toxicity: NO reproductive toxicity effect.

Section 12. Ecological Information

MOBILITY: Not Available ACCUMULATION: Not available ECOTOXICITY: Not available

DEGRADABILITY: The Biodegradability of this product has not been determined.

Section 13. Disposal considerations

WASTE AND HANDLING INFORMATION: Dispose of as regulated by all Regulatory Authorities.

Section 14. Transport information

TRANSPORTATION INFORMATION: Dispose of as regulated by all regulatory authorities.

DOT:	IMDG:	IATA
Not Regulated	Not Regulated	Not Regulated.

Section 15. Regulatory Information

REGULATORY

This mixture contains 1% 2-Butoxyethanol, 4% Diethylene glycol monobutyl ether and 3% n-Methyl-2-pyrrolidone which are subject to the reporting requirements of Section 313 of Title 111 of the Superfund Amendments and Reauthorization Act. of 1986 and 40 CFR, Part 372,

Section 16. Other Information

Date of Preparation: 2/18/2005.

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Prepared By: Regulatory Affairs Department