

MATERIAL SAFETY DATA SHEET

Product Name: Continental Water Washable Stencil Filler #333
Chemical Family: Styrene/Butadiene, Polyisoprene Latex
Manufacturer: Intertape Polymer Group
2000 South Beltline Blvd.
Columbia, SC 29201

Emergency Telephone Number: (803) 799-8800
Transportation Emergency Call CHEMTREC: 1-800-424-9300

HAZARDOUS INGREDIENTS

This product is water-based and does not contain hazardous ingredients in amounts which require special warnings/labels.

HEALTH HAZARD INFORMATION

Prolonged or repeated skin contact may cause irritation. Eye contact may produce conjunctival irritation. If ingested, may cause nausea, vomiting, and other gastrointestinal disturbances.

FIRST AID

Skin Remove contaminated clothing; wash with large amounts of soap and water. Do not re-use clothing without laundering.
Eyes IMMEDIATELY irrigate with plenty of water for 15 minutes. Obtain medical attention.
Ingestion Drink two or more glasses of water to dilute the stomach content. Consult a physician IMMEDIATELY.

TOXICITY DATA

The potential physiological effects of styrene-butadiene latexes on humans are minimal. This conclusion is based on the following results from laboratory studies on typical styrene-butadiene latexes containing fatty acid, rosin acid, and synthetic anionic surfactant systems:

- a. Skin Irritation: From no reaction to a mild reaction, e.e. slight redness of the skin after 72 hour application (Score 0-1.5, EPA-FIFRA-40, CFR 163.81-5).

- b. Eye Irritation: From no reaction to a marginal reaction, e.e. slight redness of the

eyes (Score 0-0.1, Modified Draize Method, EPA_FIFRA-40, CFR 191.11).

- c. Acute Toxicity: From practically non-toxic to very low (LD50 oral, rate greater than 25,000 mg/kg)
- d. Mutagenicity-Carcinogenicity: No mutagenic potential (Microbiological Assay – Ames Test).
- e. Fish Toxicity: Very low (96 hours, LC50, 7-20 g/l).

PHYSICAL/CHEMICAL CHARACTERISTICS
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Boiling Point	:	100°C
Specific Gravity (water=1)	:	1.0
Physical Form	:	aqueous emulsion
Appearance & Odor	:	white, milky liquid – ammonia odor

FIRE AND EXPLOSION HAZARD INFORMATION
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This latex is non-flammable unless all of the water is evaporated and the dry polymer is heated substantially, over 302°F, 150°C, for extended periods or is exposed to an open source of ignition. The combustion products are predominantly carbon monoxide, carbon dioxide and low molecular weight hydrocarbons.

FIRE FIGHTING PROCEDURE

If the dry polymer ignites, use CO2, dry chemical, foam or water streams as extinguishing agents. Use a self-contained breathing apparatus when combatting dried latex fires.

REACTIVITY DATA

Stability	:	Stable
Conditions to Avoid	:	None known
Polymerization	:	Will not occur
Conditions to Avoid	:	None known
Incompatible Materials	:	Strong oxidizing agents
Hazardous Decomposition Products	:	Thermal decomposition or combustion may produce carbon Monoxide, and/or carbon dioxide.

SPILL CONTROL/WASTE DISPOSAL

(NOTE: SPILLED LATEX IS SLIPPERY)

Very small spills can be washed down with water. Large spills should be contained by diking to prevent entry into sewers or public waterways. Spread sand or other absorbent material, such as sawdust, on spill in enough quantity to soak up the liquid to a semi-solid state. Work into latex with a shovel. Alternately, add calcium chloride or alum to the spill. When set up, shovel into a container with a screened drain to remove excess water. Dispose of solids and contaminated sand (or other absorbent material) in an approved site according to all local, state, and federal regulations.

SPECIAL PROTECTION INFORMATION

Engineering controls are not usually necessary, if good hygiene practices are followed. Minimize skin contact by wearing impervious rubber gloves. Safety glasses are recommended and if a splash danger exists, splash goggles are preferred. At the end of each work period and before eating, wash with soap and water all areas of the body coming in contact with this product.

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