

Product Name: **223 Stencil Filler**

Revision Date: 4/21/2008

Manufacturer: Intertape Polymer Group  
2000 South Beltline Blvd.  
Columbia, SC 29201

Emergency Telephone Number: (803) 799-8800  
Transportation Emergencies call CHEMTREC: (800) 424-9300

**SECTION I - PRODUCT IDENTIFICATION**

Product Name: 223 Stencil Filler  
General Identification: Adhesive containing Volatile Solvent  
Chemical Family: Hydrocarbon Mixture  
DOT Shipping Name: Adhesive  
DOT ID Number: UN 1133  
DOT Hazard Classification: Flammable Liquid  
IMCO #: 3174  
CLASS : 3  
PACKAGING GROUP II

**SECTION II - HAZARDOUS COMPONENTS**

<u>Ingredient</u>	<u>CAS No.</u>	<u>% (Wt)</u>	<u>PEL</u>	<u>STEL</u>	<u>Units</u>	<u>Agency</u>
Toluene	108-88-3	45	100	150	PPM	OSHA
Heptane	142-82-5	43	400	500	PPM	OSHA

**SECTION III - PHYSICAL DATA**

Approximate Boiling Point: 220 F  
Vapor Pressure @ 20°C: 22 MMHG  
Vapor Density: Heavier than air  
Solubility in Water: Negligible  
Specific Gravity: 0.78  
Percent Volatile by Volume: 93%  
Evaporation Rate: Slower than ether  
Appearance and odor: Moderately viscous tan colored liquid with solvent odor.

**SECTION IV - FIRE AND EXPLOSION INFORMATION**

Flash Point: 5°C  
Explosive Limit: Lower - 1.0%      Upper - 7.0%  
Extinguishing Media: Foam, CO<sub>2</sub>, or Dry Chemical  
Special Fire and Explosion Hazards: Flashback along vapor trail may occur. This material is extremely flammable before drying and may be ignited by sparks, flame, or static electricity.

Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended by fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

NFPA Codes: Health - 2 Flammability - 3 Reactivity - 0

SECTION V - HEALTH HAZARD DATA
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**AFFECTS OF ACUTE OVEREXPOSURE:**

Eyes: Can cause irritation, redness, tears, blurred vision.

Skin: May cause skin irritation. Prolonged or repeated contact can cause redness, burning, and drying or cracking of skin.

Breathing: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, and irregular heartbeat. Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to this material.

Swallowing: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause pneumonitis which can be fatal.

**FIRST AID:**

If on Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

If in Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention.

If swallowed: Do not induce vomiting, keep person warm, quiet, and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

If breathed: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.

**PRIMARY ROUTE(S) OF ENTRY:**

Inhalation

Skin contact

**EFFECTS OF CHRONIC LONG TERM OVEREXPOSURE: FOR PRODUCT:**

Overexposure to the solvent component has apparently been found to cause the following effects in laboratory animals, liver abnormalities, kidney damage, lung damage, spleen damage.

Overexposure to the solvent component has been suggested as a cause of liver abnormalities in humans.

**COMMENTS:**

This substance has not been identified as a carcinogen or probable carcinogen by NIP, IARC, or OSHA

Pre-existing heart disorders may be aggravated by exposure to this material.

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painters' syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

SECTION VI - PROTECTION EQUIPMENT
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**VENTILATION:**

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section II), additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section II). Depending on the airborne concentration, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH approved, if available) or supplied air equipment.

**PROTECTIVE GLOVES:**

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

**EYE PROTECTION:**

Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

**OTHER PROTECTIVE EQUIPMENT:**

It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION VII - REACTIVITY DATA
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Hazardous Polymerization: Cannot occur

Stability: Stable

Incompatibility: Avoid contact with; strong oxidizing agents.

SECTION VIII - SPILL AND DISPOSAL PROCEDURE

Steps to be taken in case material is released or spilled: Eliminate ignition sources and absorb with inert material such as earth, sawdust, or oil dry. Caution: absorbed material will still be ignitable until solvent has evaporated.

Waste Disposal Method: Unless solvent has evaporated, waste filler is considered an Ignitable Hazardous Waste. If significant amounts of hazardous waste is generated during a one month time period, EPA and/or State hazardous waste management regulations may apply. Applicability of these and other regulations should be evaluated at the time of disposal. To determine applicability or effect of any law or regulations with respect to the product, users should consult his legal advisor, or the appropriate government agency.

SECTION IX - SPECIAL PRECAUTIONS

Keep containers away from sources of ignition. Use with adequate ventilation and avoid prolonged or repeated skin contact.

SECTION X - SARA TITLE III INFORMATION

This product contains toluene which is listed as a Toxic Chemical under section 313 of S.A.R.A., Title III.

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