



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name	1100 FS Product Series
Product name(s) covered	See Section 16 for Product Names Covered.
MSDS name	1100 FS Product Series - Various Colors
CAS number	Mixture
Generic description	Polyurethane Sealant/Adhesive CARB Compliant
Manufacturer	Bostik, Inc. 211 Boston Street Middleton, MA 01949 USA
24 hour emergency assistance	Telephone: 1-800-227-0332
General assistance	Telephone: 1-978-777-0100
MSDS assistance	Telephone: 1-414-607-1347

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous component(s)	CAS #	Percent
Xylenes (o-, m-, p- isomers)	1330-20-7	1 - 5
Ethyl benzene	100-41-4	0.5 - 1.5
Methylene Diphenyl Isocyanate (MDI)	101-68-8	0.1 - 1
Methyl alcohol	67-56-1	< 0.15
Composition comments	Methyl alcohol can be formed through hydrolysis and be released during the curing process.	

3. HAZARDS IDENTIFICATION

Emergency overview	<p>Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Methyl alcohol is formed during curing. Provide ventilation adequate to control vapor exposure within inhalation guidelines when handling.</p> <p>This product is irritating to the eyes and skin. Thermal decomposition/burning may produce toxic gases and fumes. Closed containers may rupture when exposed to high temperatures, or when the product has been contaminated with water.</p> <p>Avoid breathing hot mists and vapors. This product contains a respiratory and skin sensitizer. Causes respiratory tract irritation and may cause allergic respiratory reaction. May cause permanent respiratory damage. Product vapors are potentially irritating to skin. May cause allergic skin reaction and dermatitis.</p>
Potential health effects	
Skin	<p>Skin contact may cause irritation. Isocyanates may react with skin protein and moisture to cause itching, reddening, swelling, scaling or blistering. Individuals previously sensitized to this material may experience these symptoms from exposure to very small amounts of liquid or vapor.</p>
Eyes	<p>This product may cause irritation to the eyes. May cause temporary corneal injury.</p>
Inhalation	<p>This product may cause irritation to the respiratory system. Methyl alcohol is formed during curing. Use with adequate ventilation. Repeated inhalation may be harmful; lung irritation and serious central nervous system disorders may result. Inhalation of vapours in high concentration can cause narcotic effects and metabolic acidosis.</p> <p>Single large doses, and/or repeated exposures, may lead to sensitization to diisocyanates or polyisocyanates (asthma or asthma-like symptoms), causing an individual to experience adverse effects at exposure levels well below exposure limits or guidelines. Symptoms may include chest tightness, wheezing, shortness of breath, coughing or asthmatic attack, and may be delayed up to several hours. Extreme asthmatic reactions can be life threatening. Once sensitized, an individual may experience adverse symptoms upon exposure to dust, cold air or other irritants. Sensitization can last several months, years or be permanent in some cases.</p>
Ingestion	<p>May cause irritation and corrosive action in the mouth, throat and digestive tract. This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.</p>