

# Material Safety Data Sheet

**Distributed By:**

ITW Imtran  
39 Shelley Road  
Haverhill, MA 01835

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Phone (978) 372-3443  
Fax (978) 372-9817

<b>IDENTITY: Pad Replenishing Fluid</b>	<b>CHEMICAL NAME: Polydimethylsiloxane Fluid</b>
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**Section I - General Product and Manufacturer Information**

<b>Manufacturer's Name:</b> ITW Imtran	<b>Emergency Telephone Number:</b> 1-800-424-9300 Chemtrec
<b>Address:</b> 39 Shelley Road	<b>Telephone Number for General Information:</b> (978) 372-3443
Haverhill, MA 01835	<b>Date Prepared:</b> 4/5/2004
USA	<b>Prepared By:</b> C. Sobaszek

**Section II - Composition Identity Information**

Components / Identity Information (Specific Chemical Identity; Common Name(s))	%	OSHA HAZARD		
Polydimethylsiloxane CAS# 63148-62-9	98%	NO	-	-
<b>Warning Statements:</b> This product, as sold, does not meet the regulatory definition of a hazardous material. This product contains dimethylpolysiloxane which can generate formaldehyde as a byproduct of thermal decomposition. Exposure to formaldehyde can cause adverse health effects. Formaldehyde is a potential cancer hazard.				

**Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b>	N.D.	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.96 at 25 C
<b>Vapor Pressure</b>	N.D.	<b>Melting Point</b>	N.D.
<b>Vapor Density (AIR = 1)</b>	N.D.	<b>Evaporation Rate (Ether =1)</b>	N.D.
<b>Solubility in Water:</b> Not Soluble.			
<b>Appearance and Odor:</b> Clear viscous liquid, odorless.			

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point:</b> 200 C - Closed Cup	<b>Flammable Limits</b>	<b>LEL</b> N.D.	<b>UEL</b> N.D.
<b>Extinguishing Media:</b> Dry chemical, foam, carbon dioxide.			
<b>Special Fire Fighting Procedures:</b> Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.			
<b>Unusual Fire and Explosion Hazards:</b> Product will burn under fire conditions.			
<b>Hazardous Decomposition Materials (Under Fire Conditions):</b> Formaldehyde, oxides of carbon, silica (crystalline).			

**Quick Identifier:  
Pad Replenishing Fluid  
MSDS #022**

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid: Stable under recommended storage. Avoid heat, flame, sparks.
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ): Keep away from oxidizing agents, strongly alkaline and strongly acidic materials.			
Hazardous Decomposition or Byproducts: When exposed to high temperatures, hazardous decomposition products such as formaldehyde, dimethylcyclosiloxanes, methylphenylcyclosiloxanes may occur.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None foreseen.
	Will Not Occur	X	

**Section VI - Health Hazard Data**

Route(s) of Entry	Inhalation: Inhalation is not likely to occur.	Skin: Non-irritating. Low acute dermal toxicity.	Ingestion: Low oral acute toxicity.
Health Hazards ( <i>Acute and Chronic</i> ): Acute: Nausea if ingested. Chronic: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.			
Carcinogenicity	NTP: No	IARC Monographs: No	OSHA Regulated: No
Signs and Symptoms of Exposure: Not Determined.			
Medical Conditions Generally Aggravated by Exposure: Not Determined.			
Emergency and First Aid Procedures: Inhalation: Remove to fresh air, restore breathing. Consult physician if irritation or distress continues. Skin: Wash affected areas with soap and water. Seek medical attention if irritation develops or persists. Eyes: In case of contact, immediately absorb excess with clean cloth or cotton. Then hold eyelids open and flush with a steady gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or if visual changes occur. Ingestion: Drink water to dilute. Consult physician immediately.			

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Remove ignition sources, provide for sufficient ventilation. Confine and collect spill with non-combustible absorbent material. Comply with all local, state, and federal regulations.
Waste Disposal Method: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Always consult federal, state and local regulations regarding the proper disposal of this product.
Container Handling and Disposal: Any containers or equipment used should be decontaminated immediately after use. Dispose of empty containers in accordance with federal, state and local laws.
Precautions to Be taken in Handling and Storing: Store containers away from heat. Store in accordance with NFPA, state, and local standards.