



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: [sales@acousticalsurfaces.com](mailto:sales@acousticalsurfaces.com)

Visit our Website: [www.acousticalsurfaces.com](http://www.acousticalsurfaces.com)

**We Identify and S.T.O.P. Your Noise Problem**

## MATERIAL SAFETY DATA SHEET

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**PRODUCT: POLY 300**

Date Prepared: January 21, 2005  
Supersedes: July 26, 2004

### SECTION 1: Product Identification

Product	POLY 300
Chemical Family	Aromatic isocyanate
Product Use:	Adhesive
Manufacturer:	PROMA ADHESIVES INC. 8500 Ernest-Cormier Anjou (Quebec), Canada H1J 1B4
Telephone No.:	(514) 852-8585
For Emergency Only:	CANUTEC Collect (613) 996-6666 Information: (613) 992-4624
WHMIS Classification:	D2A
TDG Shipping Info:	Non-regulated

### SECTION 2: Hazardous Ingredients

INGREDIENTS	% W/W	CAS. NO.	EXPOS. LIMIT	TOXICITY
Diphenylmethane diisocyanate	5-10	101-68-8	0.005ppm	LC50 Rat: c. 430mg/m <sup>3</sup> , 4 hrs LD50 Rat (oral): 10,000 mg/kg
C <sub>10</sub> -C <sub>13</sub> Isoalkanes	<5%	68551-17-7	N.D.	DL50Rat>34.6 g/kg

### SECTION 3: Product Data

Product Appearance & Odor	Tan colored, thick liquid, sweet odor
Boiling Point (°C):	>200°C
Melting Point (°C):	N/E
Vapor Pressure	0.00016 mm Hg @ 25°C
Vapor Density	N.D.
Solubility in Water:	Insoluble
Specific Gravity	1.35 g/ml
Evaporate Rate:	N.E.
% Volatile by Volume:	<5%



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### SECTION 4: Fire & Explosion Hazards

Flash Point and Method:	>61°C Open Cup
Flammable Limits:	N/E
Extinguishing Media:	Chemical foam, dry chemical or carbon dioxide
Special Fire Fighting Procedure:	Wear self-contained breathing apparatus when fighting fire. Overheated closed containers adjacent fire could explode due to build-up pressure
Unusual Fire & Explosion Hazards:	Water contamination produces CO <sub>2</sub> gas. This may cause pressurization or explosion in closed containers

### SECTION 5: REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Moisture contamination
Incompatible Materials:	Water, alcohol, strong bases
Hazardous Decomposition products:	At temperatures >260°C, CO and CO <sub>2</sub> will form
Hazardous Polymerization:	Will not occur

### SECTION 6: HEALTH HAZARD DATA

**EFFECT OF OVER EXPOSURE:**  
 Eye and skin contact may cause irritation and redness. Possible skin sensitizer. Ingestion may cause adverse health effects. Inhalation may cause headache, nausea and irritation of respiratory tract. Isocyanate component is a respiratory sensitizer and persons with a history of respiratory problems, such as asthma, should not be exposed to this product.

**EMERGENCY FIRST AID MEASURES:**  
**EYES:** Flush open eyes with water for 15 minutes. Call a physician if irritation persists.  
**SKIN:** Wash with soap and water. Consult a physician if irritation develops.  
**INHALATION:** Move to fresh air. If breathing is difficult administer oxygen. Assist in breathing if necessary. Seek immediate medical attention.  
**INGESTION:** Do not induce vomiting. Drink at least two glasses of water or milk. Never give anything by mouth to an unconscious person. Seek immediate medical attention.



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### SECTION 7: Protection Information

Ventilation:	Local, to maintain concentration below TLV.
Respiratory Protection:	Use NIOSH approved respirator if TLV is exceeded
Gloves:	Chemical resistant polyvinyl rubber
Eye Protection:	Safety glasses with side shields
Other Protective Equipment	None required

### SECTION 8: Spill and Disposal Procedures

Spills and Leaks:	Cover liquid with absorbent material. Place in an open top container and remove to ventilated area. Allow to sit in open container for 24 hours. Decontaminate absorbent and spill area with a solution of 90% water, 8% ammonia, 2% detergent.
Waste Disposal Method:	Dispose of uncured product in accordance with local, state and federal regulations for environmental protection. Dispose of cured nonhazardous product accordance with the same regulations.

### SECTION 9: Special Instructions

**Precautions to be Taken During Storage and Handling:**  
 Avoid contact with eyes, skin and clothing. Do not breathe vapors. Store in a cool, dry, well ventilated area. Do not open containers until ready to use. Store in tightly closed containers to protect from moisture. Inspect container regularly to ensure product is not building up pressure. If containers show signs of pressurization, place a tarpaulin over the container and relieve the pressure by puncturing the top with a long handled spike. Ensure nonessential personnel are not in the area. Wash thoroughly after handling.

### SECTION 10: Other Information

Abbreviations: N/E      Not Established:

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested method of application and recommendations are beyond our control. Therefore it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for our intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done at Chemque. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases Chemque from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation contained herein is unauthorized and shall not ind Chemque. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact grated under the claims of any patent.