

# Smooth-On, Inc.

## MATERIAL SAFETY DATA SHEET

(Essentially the same as (SB-00S-4))

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### SECTION I – IDENTIFICATION

PRODUCT NAME **Sonite C-1502** COMPONENT **Part A**  
 Chemical Family **Formulated Polymeric Isocyanate**

### SECTION II – HAZARDOUS INGREDIENTS \*

CHEMICAL NAME	IRAC or NTP Listing	CAS REGISTRY NO.	%	TLV (Units)
Methylene Diphenyl Diisocyanate		26447-40-5		0.005 ppm

\* As defined by OSHA Hazard Communication Standard 29CFR1910.1200

### SECTION III – PHYSICAL DATA

Boiling Point (°F) (°C)	5mm Hg	392°F	Specific Gravity (H <sub>2</sub> O = 1)	1.16
Vapor Pressure (mm Hg)	@ 25° C	<1 x 10 <sup>-5</sup>	Percent Volatile by Volume (%)	Nil
Vapor Density (Air = 1)	Approximate	8.6	Evaporation Rate (..... = 1)	NA
Solubility in Water	Reacts with water	pH		NA
Appearance and Odor	Yellow clear or slightly turbid liquid, characteristic odor			

### SECTION IV – REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)	water, strong Bases, Alcohols, Metal Compounds		
Hazardous Decomposition Products	Carbon Monoxide, Oxides of Nitrogen, traces Hydrogen Cyanide		
Hazardous	May Occur	X	Conditions to Avoid Water Contamination or other
Polymerization	Will Not Occur		materials that react with isocyanates.

### SECTION V – SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled **Dike and contain. Cover liquid with absorbant material. Place in open top container. Remove to well ventilated area and treat with dilute ammonia solution. Leave vented for 2 hours. \*\***

Waste Disposal Method **In accordance with local, state and federal regulations.**

\*\* Only properly trained personnel should handle.

**SECTION VI - HEALTH HAZARD DATA**

Threshold Limit Value OSHA - 0.02 ppm; ACGIH - 0.005 ppm

Primary Route(s) of Exposure Inhalation and skin contact.

Effects of Overexposure Inhalation: may cause breathlessness, coughing, chest discomfort and reduced pulmonary function; reaction may be delayed 4-8 hours; some individuals may develop sensitization leading to asthma like symptoms on subsequent exposure.

Eyes: may cause irritation. Skin: may cause irritation or possible allergic sensitivity.

Ingestion: irritation and possible corrosive action on the mouth and stomach tissues; vomiting may occur.

Emergency and First Aid Procedures Inhalation: remove from exposure immediately; if breathing is impaired oxygen should be administered by trained personnel; seek medical attention.

Eyes: flush with water 15 minutes; seek medical attention. Skin: wash with alcohol, then soap and water; if rash develops seek medical attention. Ingestion: induce vomiting; consult physician immediately.

**SECTION VII - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Test Method) 390°F (COC) Flammable Limits LEL NA UEL NA

Extinguishing Media Foam, dry chemical, CO<sub>2</sub>, water spray

Special Fire Fighting Procedures Self-contained breathing apparatus required.

Unusual Fire and Explosion Hazards Avoid water contamination in closed containers or confined spaces. CO<sub>2</sub> and heat evolved.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

Respiratory Protection (Specify Type) In emergencies use self-contained breathing apparatus.

Ventilation	Local Exhaust	to stay below TLV limits	Special
	Mechanical (General)		Other

Protective Gloves Rubber Gloves Eye Protection Chemical Goggles

Other Protective Equipment Clean, long leg, long sleeve protective clothing.

**SECTION IX - SPECIAL PRECAUTIONS**

Precautions to be Taken in Handling and Storing Harmful if inhaled. May cause eye and skin irritation.

May cause allergic respiratory reaction. Avoid contact with eyes, skin and clothing. Protect from moisture contamination. Sanding of cured rigid urethanes creates dust, which presents a health, fire, and explosion hazard. Urethane dust irritates the eyes, nose and respiratory tract and dust from partially cured urethanes

Other Precautions: ~~XXXXXXXXXX~~ can contain unreacted isocyanate groups which could cause the same symptoms as overexposure to isocyanates. Do not inhale the dust. Respiratory protection is required. Remove all ignition sources from areas where dust is present. Maintain clean work area by vacuuming up dust. Avoid clean up methods that generate clouds as explosive levels of urethane dust in the air can be generated.

PREPARED BY ..... DATE .....

SAR

1/11/89