MATERIAL SAFETY DATA SHEET

Dick Nite Spoons, Inc.
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PREPARATION / REVISION DATE
January, 2012

COMPLIES WITH WAC 296-62-05413

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER
Dick Nite Spoons, Inc.	1-800-535-5053 InfoTrac

ADDRESS (Number, Street, City & ZIP Code)
16810 OK Mill Road, Snohomish, WA 98290

CHEMICAL NAME	COMMON NAME
Pre-catalyzed, moisture cure urethane.	**Top Coat**
CHEMICAL FAMILY	FORMULA
Urethane prepolymer	N/A

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME	%	APPLICABLE EXPOSURE LIMITS		
		PEL-WISHA/OSHA	TLV-ACGIH	OTHER
Xylene (CAS 1330-20-7)	44	100ppm	STEL 150ppm	TWA 100ppm
Ethyl Benzene (CAS No. 100-41-4)	11	100ppm	STEL 125ppm	100ppm
Methoxyl Propaneol Acetone (e.g. Arcosolv PM Acetate, CAS No. 108-65-6)	3	Not Established	Not Established	
Isophorone diisocyanate (IPDI, CAS No. 4098-71-9)	5	Not Established	STEL .005 ppm	.005 ppm skin notation
Prepolymer Resin (specific chemical identity is trade secret)	37	Not Established	Not Established	

CARCINOGENIC INGREDIENTS

CHEMICAL AND COMMON NAME	%	REFERENCE SOURCE		
		NTP	IARC	WISHA/OSHA
N/A				

SECTION III HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE

INHALATION: Irritation of the nose, throat and eyes, dizziness, weakness, fatigue, nausea, headache, possibly narcosis

yes, dizziness, weakness, fatigue, nausea, headache, possibly narcosis
ing, choking, or labored breathing. Asthma-like breathing may be
ses skin and eye discomfort by defatting action.

INHALATION: Irritation of the nose, throat and e
and asphyxiation. May be accompanied by cough
delayed reaction. Vapor, spray, mist or liquid cau

CHRONIC HEALTH EFFECTS

ization. Allergic respiratory reaction may occur in sensitized
V. Can cause lung injury. Prolonged or repeated contact with skin
on.

INHALATION: Isocyanates can cause lung sensit
individuals when exposure to IPDI is below the TL
can cause dermatitis and possible skin sensitizatio

ROUTES OF ENTRY

Skin, eyes, inhalation and ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

N/A

EMERGENCY AND FIRST AID PROCEDURES

lothing and wash skin thoroughly, preferably with tincture of green
ater for 15 minutes. If symptoms persist, seek medical attention.

Remove patient to fresh air. Remove saturated c
soap or soap and water. Flush eyes with clean wa
Wash clothing before reuse.

ION IV CHEMICAL DATA

SECT

5°-302°	SPECIFIC GRAVITY (H20 = 1)		.96
N/A	PERCENT OF VOLATILE BY VOLUME (%)		64%
N/A	EVAPORATION RATE(_____ = 1)	Slower	than ether

BOILING POINT (°F)	275
VAPOR PRESSURE (mm HG.)	
VAPOR DENSITY (AIR = 1)	

SOLUBILITY (Specific Solvents)

N/A

APPEARANCE AND ODOR

Clear Amber Liquid with Petroleum solvent odor.

SECTION V PHYSICAL HAZARD DATA

FLASH POINT (Method Used)	FLAMMABILITY CLASS: 1C	FLAMMABLE LIMITS	Lel	Uel
79°F (Seta Closed Cup)			1.0	

EXTINGUISHING MEDIA: Dry Chemical, Foam or carbon dioxide. Water may be ineffective.

SPECIAL FIRE FIGHTING PROCEDURES

Fight as volatile liquid fire. Closed containers may explode when exposed to extreme heat. Use water to keep fire-exposed containers cool to reduce pressure. Fire fighters should wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed when not in use. Vapors may migrate to ignition source and cause flash fire. Isolate from all sources of heat, sparks, (including electrical sparks and static discharge sparks from fabrics), electrical equipment, appliances, pilot lights, smoking materials, flames and all other sources of ignition.

This material may form toxic isocyanate vapors if heated.

INCOMPATIBILITY (Materials to avoid)

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Usual products of combustion. Carbon monoxide, carbon dioxide and possibly oxides of nitrogen.

			CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION	MAY OCCUR		
	WILL NOT OCCUR	XXXX	
STABILITY	UNSTABLE		
	STABLE	XXXX	

SECTION VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of ignition. Provide ventilation and/or respiratory protection. Large spills may be picked up with non-sparking tools, small spills with absorbent material. Residues may be decontaminated with water/alcohol or ammonia solutions.

WASTE DISPOSAL METHOD

Place in closed containers. If necessary to decontaminate, do not close containers until evolution of carbon dioxide is complete. Incinerate (first open closed containers) or use secure landfill in accordance with local, state and federal regulations.

SECTION VII EXPOSURE CONTROL INFORMATION

RESPIRITORY PROTECTION (Specify type)

* See below under work practices.

VENTILATION	LOCAL EXHAUST Designed and maintained to provide volume and pattern to prevent vapor concentration in excess of TLV or LEL.	
	MECHANICAL (General) N/A	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Neoprene rubber gloves	Goggles or side-shield spectacles.

OTHER PROTECTIVE EQUIPMENT

Eye wash station and safety showers should be available.

OTHER ENGINEERING CONTROLS

N/A

WORK PRACTICES

Follow OSHA regulation 29CFR 1910-134 for respiratory use. Use air purifying respirator that respirator supplier has demonstrated to be effective for solvent and isocyanate vapors, when concentrations exceed the TLV up to the maximum level at which the respirator is effective. Where overspray is present, if the concentration of solvents or isocyanates is not known or exceeds the level which the air purifying respirator is effective, a positive pressure air-supplied respirator (TC19C NIOSH/MSHA) is recommended.

HYGENIC PRACTICES

SECTION VIII SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Closed containers may explode when exposed to extreme heat. Store away from heat, sparks and flames. Avoid prolonged skin contact. Do not breathe spray mist.

OTHER PRECAUTIONS

Ground containers while pouring and limit free fall to a few inches to prevent static sparks. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.

DISCLAIMER

The information contained herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable regarding all current regulations.