

# MATERIAL SAFETY DATA SHEET

## RICHPAN<sup>®</sup> 1040

### 1. General

<b>Trade Name</b>	RICHPAN <sup>®</sup> 1040	<b>Date Prepared:</b>	05/01/10
<b>Manufacturer's Name</b>	THE NOBLE COMPANY		
<b>Address</b>	7300 Enterprise Drive Spring Lake, MI 49456		
<b>Emergency Telephone Number</b>	(231) 799-8000		
<b>Telephone Number for Information</b>	(231) 799-8000		
<b>DOT Hazard Classification</b>	NON-HAZARDOUS		

### 2. Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names(s))	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (optional)
BARIUM COMPLEX* POLYVINYL CHLORIDE**	0.5 MG / M3	AS BARUIM	< 0.1 %
<p>*TOXIC CHEMICAL AS DEFINED BY OSHA, 29 CFR 1910, 1200 AND SUBJECT TO THE REPORTING REQUIREMENTS OF SEC. 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.</p> <p>**INERT WHEN MEASURED BY LD50 MAY CONTAIN UNREACTED VINYL CHLORIDE MONOMER. CHECK OSHA VCM REGULATION 29 CFR, TITLE 29, CHAPTER XVII PART 1910.</p> <p>NOTE: THRESHOLD LIMIT VALUES ARE FOR AIRBORNE DUST OR MIST AND ARE NOT MEANINGFUL FOR SHEET GOODS.</p>			

### 3. Physical/Chemical Characteristics

<b>Boiling Point</b> N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b> 1.31	<b>Vapor Pressure (mm Hg.)</b> N/A	<b>Melting Point</b> N/A
<b>Vapor Density (AIR = 1)</b> N/A	<b>Evaporation Rate ( Butyl Acetate = 1 )</b> NONE	<b>Solubility in Water</b> INSOLUBLE	
<b>Appearance and Odor</b>	OPAQUE PIGMENTED ROLL GOODS		

### 4. Fire and Explosion Hazard Data

<b>Flash Point (Method Used)</b> GREATER THAN 600 <sup>o</sup> F	<b>Flammable Limits</b> N/A	<b>LEL</b> NONE	<b>UEL</b> 6.00
<b>Extinguishing Media</b> WATER, CO <sub>2</sub> , DRY CHEMICAL, FOAM			
<b>Special Fire Fighting Procedures</b> WEAR SELF-CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE. PERSONNEL NOT HAVING SUITABLE RESPIRATORY PROTECTION MUST LEAVE AREA TO PREVENT EXPOSURE TO COMBUSTION GASES FROM ANY SOURCE.			
<b>Unusual Fire and Explosion Hazards</b> BURNING PVC LIBERATES HCL GAS			

**5. Reactivity Data**

<b>STABILITY</b>	Unstable	<b>Conditions to Avoid</b>
	Stable X	COMBUSTION LIBERATE HCL GAS

**Hazardous Decomposition or Byproducts**  
HCL, CO<sub>2</sub> CO

<b>Hazardous Polymerization</b>	May Occur
	Will Not Occur X

**6. Health Hazard Data**

**Health Hazards (Acute and Chronic)**  
CONTAINS PVC WHICH MAY CONTAIN VINYL CHLORIDE MONOMER, A CANCER SUSPECT AGENT. CHECK OSHA VCM REGULATION 29 CFR, TITLE 29, CHAPTER XVII PART 1910.

**Signs and Symptoms of Exposure**  
BASED ON AVAILABLE DATA, REPEATED EXPOSURES ARE NOT ANTICIPATED TO CAUSE ANY SIGNIFICANT EFFECTS.

**7. Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material Is Released or Spilled**  
RETURN TO CONTAINER, VACUUM, SWEEP OR SHOVEL UP.  
NOT CLASSIFIED AS A HAZARDOUS WASTE UNDER RCRA.

**Waste Disposal Method**  
BURN IN ADEQUATE INCINERATOR OR BURY IN LANDFILL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

**Precautions to Be Taken in Handling and Storing**  
N/A

**Other Precautions**  
AVOID BREATHING VAPORS WHEN CEMENTING WITH SOLVENTS

**8. Control Measures**

**Respiratory Protection (Specify Type)**  
SELF-CONTAINED BREATHING APPARATUS IN PRESENCE OF BURNING MATERIAL

<b>VENTILATION</b>	<b>Local Exhaust</b>	<b>Special</b>
	GOOD AIR EXCHANGE IN WORK PLACE	AVOID BREATHING DECOMPOSITION PRODUCTS

<b>Protective Gloves</b>	<b>Eye Protection</b>
N/A	USE SAFETY GLASSES

**Other Protective Clothing or Equipment**  
N/A

**Work/Hygienic Practices**  
WASH WITH SOAP AND WATER AFTER HANDLING

THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, WAS PREPARED BY TECHNICALLY KNOWLEDGEABLE PERSONNEL AND TO THE BEST OF OUR KNOWLEDGE IS TRUE AND ACCURATE. IT IS NOT INTENDED TO BE ALL-INCLUSIVE, AND THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE OTHER OR ADDITIONAL CONSIDERATIONS. CONSULT NOBLE COMPANY FOR FURTHER INFORMATION.