

# MATERIAL SAFETY DATA SHEET

## PROSLOPE™

### 1. Product Information

Date Prepared: 5/01/07

Trade Name PROSLOPE™

Manufacturer's Name THE NOBLE COMPANY

Address 7300 Enterprise Drive  
Spring Lake, MI 49456

Emergency Telephone Number (231) 799-8000

Telephone Number for Information (231) 799-8000

#### HAZARD RATING

0= Minimal      3= Serious  
1= Slight        4= Severe  
2= Moderate

HEALTH : 0  
FIRE : 2  
REACTIVITY : 0

### 2. Ingredients

HAZARDOUS COMPONENTS  
Pentane

CAS REGISTRY NO:  
109-66-0

APPROX. WEIGHT PERCENTAGE  
Less Than 2%

NON-HAZARDOUS COMPONENTS  
Polystyrene

CAS REGISTRY NO:  
9003-53-6

APPROX. WEIGHT PERCENTAGE  
98% Min.

### 3. Physical Data

COLOR  
White

ODOR  
Very Slight Hydrocarbon Odor

BOILING POINT  
N/A

MELTING POINT  
Softens at 175<sup>0</sup> to 220<sup>0</sup>

FORM  
Rigid Cellular Foam Blocks, Boards & Shapes

SPECIFIC GRAVITY  
[Water = 1] : Density 0.6PCF to 2.0PCF

VAPOR DENSITY (AIR = 1)  
N/A

VAPOR PRESSURE  
N/A

VOLATILES BY VOLUME  
Less than 4% Pentane & Water

EVAPORATION RATE  
None

SOLUBILITY IN WATER  
Insoluble

#### 4. Fire and Explosion Data

**Flash Point (Method Used)**

610°F Min. [ASTMD 1929]

**Extinguishing Media**

WATER FOG, CARBON DIOXIDE, FOAM AND DRY CHEMICAL

**Special Fire Fighting Procedures**

USE APPROVED SELF-CONTAINED BREATHING APPARATUS RESPIRATOR AND APPROVED PERSONAL PROTECTIVE CLOTHING.

**Autoignition Temperature**

850°F. Min.

**Unusual Fire and Explosion Hazards**

MAY PRODUCE DENSE BLACK SMOKE. SMOKE CONSISTS OF CARBON [SOOT] CARBON MONOXIDE CARBON DIOXIDE AND WATER. DUST GENERATED BY FABRICATION I.E., SANDING, SAWING, ETC. WILL INCREASE FIRE HAZARD AND SHOULD BE HANDLED ACCORDINGLY.

#### 5. Reactivity Data

**STABILITY**

Unstable

**Conditions to Avoid**

Stable X

AVOID FIRE AND HIGH TEMPERATURES

**INCOMPATIBILITY [ Materials to Avoid ]**

WILL DISOLVE IN MOST ORGANIC SOLVENTS, AND SOME INSECTICIDES, ALDEHYDES AND AMINES.

**Hazardous Decomposition**

CARBON MONOXIDE, CARBON DIOXIDE, CARBON, WATER, HYDROGEN HALIDE

**Hazardous Polymerization**

NONE

#### 6. Health Hazards & First Aid

##### PRINCIPAL HEALTH HAZARDS & SIGNS & SYMPTOMS OF EXPOSURE

**Eye Contact**

Dust or particles may cause mechanical eye irritation and/or injury.

**Inhalation**

Dust from mechanical fabrication may cause upper respiratory irritation. Fumes from hot wire cutting can also cause upper respiratory irritation.

##### FIRST AID

**Eyes**

Rinse with clean water. Remove foreign particles with clean, lint free cloth. Obtain medical attention if pain, blinking, tears or redness persists.

**Inhalation**

If overcome by exposure, remove to fresh air. Provide oxygen and artificial respiration. Get medical attention.

**Skin Contact**

None

**Ingestion**

Biologically inert. May act as an obstruction if swallowed.

**Safety Precautions**

Use positive ventilation. Mechanical Fabrication, Sanding, Etc. requires the use of safety glasses or goggles and dust mask.

**Skin**

Not expected to present skin hazard. Wash exposed areas with mild soap and water. Consult physician if irritation persists.

**Ingestion**

Not expected to present significant ingestion hazard. Consult physician if swallowed.

## 7. Employee Protection

### Respiratory Protection

USE APPROVED DUST MASK WHEN SAWING OR SANDING.

### Skin Protection

NONE REQUIRED. WEAR GLOVES AND/OR SLEEVES, IF SENSITIVITY NOTED.

### Eye Protection

USE APPROVED SAFETY GLASSES/GOGGLES WHEN SAWING OR SANDING

### General Control Measures

USE POSITIVE VENTILATION. WEAR SAFETY GLASSES/GOGGLES AND DUST MAS IF MECHANICAL FABRICATION IS TO TAKE PLACE.

## 8. Environmental Hazards & Protection

### Environmental Hazards

SEWER/WATER WAY OBSTRUCTION; FISH MAY EAT BEADS AND OBSTRUCT THEIR DIGESTIVE TRACT.

### Spill, Leak, or Release Procedures

NORMAL GOOD HOUSEKEEPING SHOULD BE OBSERVED. MATERIAL CAN BE SWEEPED OR PICKED UP AND PLACED INTO A SUITABLE CONTAINER FOR DISPOSAL.

### Reportable Quantity

NONE

### Disposal Method

RECYCLE, INCINERATE [WTE] OR LANDFILL PER LOCAL AND STATE REGULATIONS.

## 9. Special Precautions

### STORAGE AND HANDLING

Expanded Polystyrene, although it contains a fire retardant additive, is considered to be combustible and adequate protection from sources of ignition should be taken.

### TRANSPORTATION REQUIREMENTS

Not a D.O.T. "HAZARDOUS MATERIAL"

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