Date 05.10.1998
Updated 26.05.2006

MATERIAL SAFETY DATA SHEET - **nomalen™** PE-FOAM

Section 1 Identification of the chemical and of the manufacturer

Trade name	:	**nomalen™**
Manufacturer	:	NMC Termonova Oy
Street address	:	Torppanummentie 44
Postcode and post office	:	FI-10210 INKOO
Telephone number	:	+358 9 2959 020
Telefax	:	+358 9 2211 763
LY code	:	0114914-9
Trade register number	:	FI01149149
Name and address of the informant in emergency cases	:	Pekka Sundqvist, NMC Termonova Oy

Section 2 Composition and information on ingredients

Description	:	Cross-linked low density polyethylene foam with a closed cellular structure
Hazardous ingredients	:	-

Section 3 Hazards identification

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Section 4 First aid measures

Special instructions	:	-
Inhalation	:	Put patient in fresh air and seek medical advise if dust inhalation has occurred.
Skin	:	-
Eye contact	:	Irrigate eye for 5 minutes. Mechanical effects only.
Ingestion	:	-
Information to doctor or other trained persons giving first aid	:	-

Section 5 Fire fighting measures

Suitable extinguishing media	:	Water, powder
Extinguishing media which must not be used for safety reasons	:	-
Special exposure hazards in a fire	:	-
Special protective equipment for a fire:		Wear positive pressure breathing apparatus.

Section 6 Accidental release measures

Personal precautions	:	-
Environmental precautions	:	-
Methods for cleaning up	:	Pick up and handle as any other inert material.

Section 7 Handling and storage

Handling	:	-
Storage	:	PE-foam is combustible, and may constitute a fire hazard if improperly stored, used, processed or installed. During shipping and storage, this material must not be exposed to flame, heat or ignition sources.

Section 8 Exposure control and personal protection

Technical measures for exposure control	:	Normal room ventilation should be adequate for most conditions, but local exhaust ventilation is necessary for processes such as flame lamination or mechanical buffing. Seek expert advice if in doubt.
Limit values for workplace air	:	-
Special instructions for protection and hygiene	:	-
Respiratory protection mechanical	:	Not normally required when adequate ventilation is available. Refer to protective equipment suppliers if a process generates any dust, vapour, gas or fume.
Hand protection	:	None required for normal handling and processing.
Eye protection	:	Wear goggles if process generates dust.
Skin protection	:	None required for normal handling and processing.

Section 9 Physical and chemical properties

Appearance	:	Cellular solid, various colours
Odour	:	Odourless
pH	:	-
Boiling point/boiling range	:	-
Melting point/melting range	:	> 95 ^{o}C
Flash point	:	-
Flammability	:	-
Autoflammability	:	> 200 ^{o}C
Explosion hazard	:	Accumulation of dust particles from cutting, crumbing or buffing processes may pose an explosion hazard.
Oxidizing properties	:	-
Vapour pressure	:	-
Density	:	28 - 200 kg/m^3
Solubility a) in water	:	not soluble
b) in fat	:	not soluble
Partition coefficient *n*-octanol/water	:	-

Section 10 Stability and reactivity

Conditions to avoid	:	Open flames, exposure to heat sources and temperatures above 150 °C.
Materials to avoid	:	Aromatic hydrocarbons
Hazardous decomposition products	:	-

Section 11 Toxicological information

Acute toxicology	:	-
Inhalation	:	Mechanically generated dust may cause irritation.
Ingestion	:	-
Skin contact	:	Essentially non-irritating in normal individuals.
Eye contact	:	Dust may cause irritation.

Section 12 Ecological information

Degradation	:	In the aquatic environment, the product should not present any problems due to its insolubility.
Other information	:	Does not contain chlorofluorcarbons, or any other auxiliary blowing agents that have the potential to cause atmospheric ozone depletion.

Section 13 Disposal

Disposal	:	Scrap should be disposed of at licensed land-fill sites, or by incineration under approved conditions.

Section 14 Transport information

This product is not classified for any mode of transportation.

Section 15 Regulatory information

Information on the warning label	:	-

Section 16 Other information

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