


MATERIAL SAFETY DATA SHEET
NUVO AUSTRALIA PTY LTD

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PRODUCT: PEVIKON

PRODUCT NAME: PEVIKON
TECHNICAL NAME: POLYVINYL CHLORIDE, paste resin
GRADES: P11, P14, P15, P21, P602, P682, P702, P709, P710, P737, P820

UN NUMBER	:	NIL
DANGEROUS GOODS	:	
CLASS & SUB RISK	:	NIL
HAZCHEM CODE	:	NIL
PACKAGING GROUP	:	NIL
POISONS SCHEDULE	:	Not scheduled
USES	:	Thermoplastic resin, Plastics, PVC products.

STATEMENT OF HAZARDOUS NATURE:

Classified as not hazardous according to the criteria of Worksafe Australia. All ingredients are listed on the Australian Inventory of Chemical Substances.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR	:	White odourless powder
FLASHPOINT (°C)	:	> 100°C
MELTING POINT	:	> 100°C
AUTOIGNITION TEMP.	:	> 150°C
FLAMMABILITY LIMITS (%)	:	Not known
SOLUBILITY IN WATER	:	Insoluble
BULK DENSITY	:	230 - 370 kg/m ³
SOLUBLE IN	:	Tetrahydrofuran and cyclohexanone
OTHER PROPERTIES	:	Particle size - 99% smaller than 100um

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
Polyvinyl Chloride		>95%
Fatty acids or fatty acid derivatives*		< 0.7%
Sulfate or sulfonate emulsifiers*		< 2.0%
Initiator residues or buffers*		< 1.3%
Aliphatic hydrocarbons or alcohols / esters*		< 1.0%
Vinyl chloride residue*		< 10 mg/kg

* Residual chemicals from the polymerisation process

1. HEALTH HAZARD INFORMATION
Health Effects

Acute:	The material is a physiologically inert powder with very low toxicity.
Swallowed:	Practically non toxic
Eyes:	Nuisance dust
Skin:	Not irritant
Inhaled:	Nuisance dust
Chronic:	No information available.

MATERIAL SAFETY DATA SHEET**PRODUCT: PEVIKON****2. FIRST AID**

Swallowed: Rinse mouth with water.
Eyes: Flush liberally with water.
Skin contact: Wash with soap and water.
Inhaled: Remove to fresh air.
First aid facilities: Eye bath recommended.
Advice to doctor: Treat symptomatically.

3. PRECAUTIONS FOR USE

Exposure standards : 5mg/m³ Swedish Board of Occupational Health & Safety.
10mg/m³ Worksafe Aust. NOHSC:1003 (1991)
Engineering controls: Mechanically ventilate enclosed areas to control airborne levels below recommended exposure levels.
Personal protection:
Respiratory: Use Safety Class IIa breathing filter if dust concentration exceeds 5mg/m³
Eyes protection: Safety glasses

4. SAFE HANDLING INFORMATION

Storage & Transport: Store in closed bags in a dry and cool place.
Stability & Reactivity: Chemically stable, non reactive. Avoid strong heating - see below.
Spills: Collect the material in a closed container.
Disposal: Can be disposed of as inert solid waste.
Flammability: Non-flammable.
Fire / Explosion Hazards:
Under special conditions, and then especially when mixed with other organic material, there may be a risk of dust explosion.
Dangerous Decomposition or Combustion Products:
In case of fire corrosive Hydrogen Chloride (Hydrochloric Acid) may be formed.
Fire Fighting Recommendations:
Extinguishing media: Carbon dioxide, dry chemical, or water spray.
Protective equipment: Wear self-contained breathing apparatus in a large fire.

5. OTHER INFORMATION

While PVC is considered chemically and physiologically inert it will evolve corrosive hydrogen chloride (Hydrochloric Acid) when heated above 150°C.

CONTACT POINT: EMERGENCY No. 0419 341 095 all hours

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.