



MANUFACTURERS OF PRECISION-MADE
POLYURETHANE SPIRAL HOSE & TUBING



**ADVANCED
TECHNOLOGY
PRODUCTS**

Material Safety Data Sheet

Product : PVC

Compound: PVC

Part No. : N-100 / N-200

1. Product Identification

Manufacturer Name

Advanced Technology Products

Chemical Name

Plasticized Polyvinyl Chloride Compound

2. Hazard Identification

Ingredient

Less than 10PPM Vinyl Chloride Monomer

Health Effects

On Skin

Contact with molten product will cause thermal burns

By Ingestion

No major effects

3. Physical Data

Appearance

Natural PVC compound in pellet form

Boiling Point

Solid, not applicable

Solubility in Water

None

Solubility in Solvent

Soluble in Ketones, Tetrahydrofuran

Specific Gravity

1.16~1.28

Flash Point

>300°C



MANUFACTURERS OF PRECISION-MADE
POLYURETHANE SPIRAL HOSE & TUBING



**ADVANCED
TECHNOLOGY
PRODUCTS**

Material Safety Data Sheet

4. First Aid Measures	
Product on Skin	Molten Immediately cool with water and obtain medical attention URGENTLY.
	Give water to drink. Obtain Medical Attention.
Product Ingested	
Eye contact	Rinse with water. Contact physician if discomfort continues.
5. Fire Fighting Measures	
Extinguishing Media	Use water spray foam or dry powder
Special Hazards	Thermal decomposition causes the generation of hydrogen chloride and other toxic gases.
	Under certain conditions the material can burn with high smoke density.
Protective Equipment	Wear suitable dust mask or positive pressure breathing apparatus, gloves, overalls, boots and chemical goggles.
6. Accidental Release Measures	
Personal precautions	Sweep up to prevent slipping hazard
Methods For Cleaning Up	Collect mechanically
7. Handling and Storage	
Handling /Storage Precautions	Store in a cool dry and well ventilated place.
Spill or Lake	Vacuum, sweep or shovel up.



MANUFACTURERS OF PRECISION-MADE
POLYURETHANE SPIRAL HOSE & TUBING



**ADVANCED
TECHNOLOGY
PRODUCTS**

Material Safety Data Sheet

8. Exposure Controls/Personal Protection

None

9. Physical And Chemical Properties

Water solubility: Insoluble

10. Stability and Reactivity

Conditions to Avoid

Product is stable

Incompatible Material

PVC is chemically unreactive. Avoid contact with Fluorine.

Hazardous Decomposition

At processing temperatures some degree of thermal decomposition will occur which generates hydrogen chloride and other toxic gases.

11. Toxicological Information

Vinyl resin contains a very small amount of residual vinyl chloride monomer. Extensive product and processing improvements have resulted in the reduction of residual monomer to average levels less than 5 parts per million(ppm)in the vinyl resins used to manufacture compound. Today, there is virtually no employee exposure to vinyl chloride monomer above action level of 0.5 ppm when handling or employee processing Jieh-Ming PVC compound.

* This product conform to RoHS & H.R.2420 demand.

* This product conform to ISO10993

*RoHS & H.R. 2420.

*ISO 10993



MANUFACTURERS OF PRECISION-MADE
POLYURETHANE SPIRAL HOSE & TUBING



**ADVANCED
TECHNOLOGY
PRODUCTS**

Material Safety Data Sheet

12. Ecological Information

The product is not biodegradable. It can be recycled using suitable technologies. It does not contain, as additives, compounds of mercury, cadmium and chromium. It does not contain asbestos, CFC, HCFC.

13. Disposal Information

Disposal must be done in accordance with existing regulations. Landfill and incineration can be considered in most cases suitable. Recycling is possible by melting and palletizing.

14. Transport Information

Avoid wetting or rough handling so that the packaging will not be damaged. In case the bags are damaged and the pellet are scattered, pay attention so that no one will slip and fall. All of the materials that have spilled shall be rapidly collected.

15. Regulation Information

None



**MANUFACTURERS OF PRECISION-MADE
POLYURETHANE SPIRAL HOSE & TUBING**



**ADVANCED
TECHNOLOGY
PRODUCTS**

Material Safety Data Sheet

16. Other Information

This information only concerns the above mentioned product and not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

Revision Mar. 2016 (Mar. 2016)

Advanced Technology Products

12740 State Route 4
Milford Center, OH 43045

info@atp4peumatics.com

937-349-4055