

Material Safety Data Sheet

Revised 1/22/2009

PVC RESINS USED IN MFG OF MIGHTY LINE FLOOR TAPE

SECTION 1 – Manufacturer's Name

Phone 440-895-9980

ShieldMark Inc.,
20228 Detroit Rd.
Rocky River, OH 44116

SECTION 2 – Hazardous Ingredients

Identity	CAS#	OSHA PEL	ACGIH TLV	* %
Vinyl Chloride Monomer	75-01-4	1ppm	.5 Ala	< 1ppm

These items are on SARA Section 313 list. Responsibility for filing a form R report with the EPA is dependent on volumes.

*Residual Impurity in PVC

SECTION 3 – Physical-chemical characteristics

Boiling Point	n/a	Specific Gravity	1.24
Vapor pressure (mm Hg)	n/a	Melting Point	130-190 deg C
Vapor Density	n/a	Evaporation Point	n/a

Solubility in Water is negligible

Appearance & Odor: Spherical granules are clear, opaque or pigmented. Slight Odor

SECTION 4 – Fire and Explosion Data

Flash Point 735 degree F ASTM D-1929 Self Ignition Temp: 850 degree F

Flammable limits in Air: not available

Extinguishing Media: Water, ABC dry chemical, protein type air-foams

Special fire fighting procedures:

Use positive pressure self-contained breathing apparatus. Fumes of burning material may contain hydrogen chloride, benzene, water, carbon monoxide and carbon dioxide.

Unusual fire and explosion hazards:

If dusty may have explosion potential; control of eliminate ignition sources.

SECTION 5 – Reactivity Data

Stability: Stable

Incompatibility: Avoid contact with acetal or amine containing compounds. At processing, temperatures can cause rapid decomposition. Hydrogen chloride, carbon monoxide, carbon dioxide, aliphatic olefins may be evolved.

Hazardous polymerization: Will not occur.

SECTION 6 – Health Hazard DATA

Carcinogenicity:

DEHP (Di-(2-ethylhex) phthalate) is listed on NTP as “reasonably anticipated to be carcinogenic”. PVC compounds may contain trace amounts (less than 1 ppm) of vinyl monomer. This material has been determined to be a cancer suspect agent by OSHA. In a poorly ventilated area it might be possible to exceed the 1 ppm level, if this occurred the area would be regulated under 29 DFR 1910.1017.

Monitoring periodically would be a prudent practice to insure compliance and to insure that regulated levels are not exceeded.

Effects of overexposure:

Overexposure may cause irritation to the mucous membrane and the upper respiratory tract.

Emergency first aid:

Remove to fresh air, remove contaminated clothing. For eye contact, flush with large amounts of water.

SECTION 7 - Precautions for Safe Handling

For release or spill:

Sweep or vacuum into containers for reuse or disposal. Not known to be currently a RCRA regulated material under current federal regulation. However, currently proposed regulations and legislation may have an impact on such classifications.

Therefore, disposal must be done in accordance with all current applicable federal, state and local regulations.

Avoid breathing hot fumes or vapors.

SECTION 8 – Control Measures

Exhaust ventilation to pull fumes away from workers. Wear gloves when handling hot material or cleaning exhaust ducts.

Use dust mask if dusting occurs. Do not store or consume food in processing area.

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