

**TECHNICAL DATA SHEET**

**PRODUCT:** Our Reference No. 008  
PVC Floor Marking Tape

**TECHNICAL DETAILS:**

A heavy duty plasticized PVC film coated with an aggressive pressure sensitive adhesive.

<b>Tape Thickness:</b>	0.15mm.
<b>Tensile Strength at Break:</b>	28.0N/10mm.
<b>Elongation at Break:</b>	150%.
<b>Adhesion to Steel:</b>	2.0 N/10mm.
<b>Adhesion to Self:</b>	2.0 N/10mm.
<b>Water Extract (1g Tape per 100ml):</b>	
<b>pH:</b>	6.0 to 8.0.
<b>Conductivity:</b>	Max. 2.5 mS/m.
<b>Service Temperature:</b>	0°C to 60°C.
<b>Application Temperature:</b>	5°C to 40°C.
<b>Recommended Storage Temperature:</b>	10°C to 25°C.
<b>Shelf Life:</b>	12 months.
<b>Length of Roll:</b>	33M.
<b>Width of Tape:</b>	25, 38, 50, 75 100 mm.
<b>Colours:</b>	White, Yellow, Blue, Green, Red, Black, Orange, Black, Violet.

**DESCRIPTION:**

Plasticised PVC sheeting coated on one side with a pressure-sensitive adhesive, the latter consisting mainly of resins and rubber-like materials. The tape contains, as a PVC stabiliser, a small percentage of a water insoluble lead compound.

**APPLICATION:**

Factory demarcation areas, sport court markings.

Also available BLACK/YELLOW 081, RED/WHITE 082, GREEN/WHITE 083.

Ensure that all surfaces to be bonded are dry, free from dust, grease and other contaminants. Surfaces to be bonded, and tape to be applied, should be at a temperature within the limits of the "Application Temperature: recommended in the relevant "Product Information Sheet". This is particularly important if the tape has been stored in a cold area. Apply the tape using the maximum amount of pressure possible, smoothing down to achieve 100% contact. For all electrical uses, we recommend a 50% overlap on tape winding.

Joins in rolls of tape may occasionally be found. Every endeavour is made to reduce these to a minimum but users should not rely on the tape being one continuous length. When using tapes that have a siliconised paper as an interleave, remove this paper from the floor area as quickly as possible to minimise the risk of slipping. Self adhesive tape is not a hazard to health providing it is used correctly. PVC Tapes are not recommended for gas fire back plate sealing.

**Appropriate Specification:**

BS3887:(1991) Part 2 Category 1 (All colours) (DEF.STAN.75.7/1 (Black/Yellow) only).

Safety Tapes help employers meet their statutory obligations under Health and Safety at Work Act, i.e. first aid points, fire fighting equipment, hazardous areas. Please ask for specification sheet 081/082/083 hazard warning tapes.

**STORAGE:**

Store in dry conditions, out of direct sunlight and keep out of reach of children.

Except where indicated otherwise, the above figures are average values and should not be regarded as maximum or minimum values for specification purposes. The company reserve the right to improve products and change specifications, which may alter performance. We advise the customer to test the material required to ensure the suitability of intended application.

## MATERIAL SAFETY DATA SHEET

### 2: HAZARDS IDENTIFICATION:

Polyvinyl chloride tape. Odourless.

Not a fire hazard in open areas.

Water fog, foam. CO<sub>2</sub> and dry chemicals can be used on fires.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS:

Chemical Name	Weight %	CAS No.
Rubber Adhesive	13-17	
PVC Resin	52-57	[9002-86-2]
Plasticizers	18-22	[117-81-7]
Lead Stabilizer Compound	20000 PPM↓	
Pigments (organic and/or inorganic)	0-5	
Filler	5-12	
Cd Compound	10PPM↓	
Toluene	0-1	[108-88-3]

### 4. FIRST AID MEASURES:

#### **Eye Contact:**

Immediately flush with copious amount of water for at least fifteen minutes. Get medical attention.

#### **Skin Contact:**

No potential health effects are anticipated.

#### **Inhalation:**

No adverse effects are anticipated by this route of exposure incidental to proper industrial handling.

#### **If Swallowed:**

Drink two glasses of water. Call a physician.

#### **Note to Physician:**

Treat symptomatically. Treatment may vary with condition of victim and specifics of incident.

### 5. FIRE FIGHTING MEASURES:

**Flash Point:** (Method Used): 320-390°C (ASTM D-1929)    **Flammable Limits:** N/A    **Extinguishing**

**Media:** Water, dry chemical, foam, CO<sub>2</sub>.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards:** Any vinyl and adhesive can be forced to burn by continuous application of intense heat.

**6. ACCIDENTAL RELEASE MEASURES:**

Sweep up and discard.

**7. HANDLING AND STORAGE:**

**Handling:** Caution with edge of sheet. After using this sheet, wash hands.

**Storage:** Keep dry and cool (below 25°C) and away from direct sunlight for quality.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

**Engineering Controls:**

Good general ventilation should be sufficient for most conditions. When processing at elevated temperatures, provide local exhaust.

**Personal Protective Equipment (PPE):**

Respiratory Protection: for most conditions, no respiratory protection should be needed. When processing at elevated temperature, use an approved respiratory protection.

**9. PHYSICAL/CHEMICAL CHARACTERISTICS:**

Boiling Point	N/A	Specific gravity (H <sub>2</sub> O=1)	1.3-1.4
Vapour Pressure (mm Hg)	N/A	Softening Point	>80°C
Vapour Density (Air=1)	N/A	Evaporation Rates (Butyl Acetates=1)	N/A
Solubility in Water	N/A	Decomposition Temperature	260(°C)/500°F
Appearance and Odour			

**10. STABILITY AND REACTIVITY:**

**Stability:** Stable.

**Incompatibility:** (Materials to avoid): Not known.

**Hazardous Decomposition of By-Products:** CO<sub>2</sub>, CO, HCl & some toxic gases.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**11. TOXICOLOGICAL INFORMATION:**

No information available.

**12. ECOLOGICAL INFORMATION:**

No information available.

**13. DISPOSAL CONSIDERATIONS:**

Dispose of materials in compliance with governmental regulations.

**14. TRANSPORT INFORMATION:**

Not a hazardous material for DOT shipping.

**15. REGULATORY INFORMATION:**

Chemical Inventories: The products are defined as an article by REACH regulations, and therefore are exempt from the inventory listing requirements.

Other Regulations: Please contact Directa (UK) Ltd. for more information.

**16. OTHER INFORMATION:**

The information in this material safety data sheet presented herein was prepared for your reference to the best of our knowledge. It is given in good faith but Directa (UK) Ltd make no warranties, expressed or implied.