



MATERIAL SAFETY DATA SHEET

1. Identification

Product Name : Hot Melt Adhesive
Manufacturer's Code : 416
Usage : Assembling

2. Physical Properties

Basis : E.V.A. Copolymer
Appearance : Clear White Flake
Solid content : 100%
Viscosity : 2,500 CPS / 160°C
1,812.5 CPS / 170°C
1,500 CPS / 180°C
Working temperature : 160°C - 180°C
Soften point : 110°C
Tensile Strength : 21 kg / cm²
Elongation : 145%
Open time : 7 - 8 Sec
Storage : 2 Years up

3. Ingredients

<u>Ingredients</u>	<u>CAS No.</u>
E.V.A. Copolymer	: 24937 - 78 - 8
Hydrocarbon Resin (Saturated)	: 64742 - 16 - 1
Antioxidant	: 6683 - 19 - 8

4. Safe Handling Information

Storage and transport : Store in cool, dry condition away from sources of heat, strong oxidizing agent.

Spills and disposal : If molten material is spilt, allow to cool then scrape up for disposal, wash area with water and detergent.

Reactivity data : Incompatible with strong oxidizing agent and will melt when heated.

Fire/Explosion hazard : Hazardous decomposition product on burning oxides of carbon, light flammable, smoke and other organic vapors. Fire fighting personnel to wear self contained breathing apparatus and protective clothing.

Extinguishing media : Water spray

5. Health Hazard Information

Health Effects:

No adverse effects expected if the product is handle in accordance with this



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Acute Effects:

Swallowed : Practically non-harmful
Eyes : Molten material will burn
Skin : Molten material may cause thermal burn
Inhaled : Practically non-harmful at ambient temperature, vapors at elevated temperature (above 250°C) may cause irritation to the eyes and respiratory tract due to decomposition products.

Chronic Effects:

No Chronic effects

First Aid:

Swallowed : Seek medical advice.
Eyes : If molten material enters eye flush with cool running water, seek urgently medical attention.
Skin : If molten material contacts the skin, immediately immerse area in water or flush area with cool running water. Do not make any immediate attempt to remove adhesive from the skin. Once the area has cooled, wipe adhesive off using mineral oil, seek medical advice.
Inhaled : Remove victim to fresh air, seek medical attention if symptoms persist.