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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 : $2,500 \text{ CPS} / 160^{\circ}\text{C}$

1,812.5 CPS / 170°C 1,500 CPS / 180°C

Working temperature : 160°C - 180°C

Soften point : 110°C

Tensile Strength : $21 \text{ kg} / \text{cm}^2$

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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^{**} All the information is provided on the basic in good faith, and is believed to be trustworthy but is for reference only. Adhesion is very complicated and the result of it is much dependent on the surface material, additives, releasing agents of the substrates and user's methods. UEA and its agents, dealers, distributors, directors and employees cannot accept any liability for the results whatsoever arising from the use of UEA's products due that the utilization of these products is simply out of UEA's control. The users are responsible for selecting the suitability of the products and methods of use.

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MATERIAL SAFETY DATA SHEET

safety data sheet.

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, vapers 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 form 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.

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