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## **Production Information – June 2007**

### **Description**

A woven 70 mesh based polycloth tape coated with a hot melt rubber adhesive system

### **Applications**

- Sealing, joining and repair applications
- Duct tape (HEVAC) Gaffer tape (Entertainment)
- Weather – proofing
- Packaging, holding and bundling

### **Technical Details**

<b>Total Thickness</b>	<b>0.20mm</b>
<b>Glue Weight</b>	<b>78g / m<sup>2</sup></b>
<b>Pre coating weight</b>	<b>75g/m<sup>2</sup></b>
<b>Tensile Strength</b>	<b>72-70 N/25mm</b>
<b>Rolling ball tack</b>	<b>&gt;35 (ball No.)</b>
<b>Elongation</b>	<b>18-20%</b>
<b>Temperature</b>	<b>-15 to + 60°C</b>
<b>Steel Adhesion</b>	<b>21-25 N/25mm</b>
<b>Dielectric Strength</b>	
<b>Colours</b>	<b>Silver, black, blue, yellow</b>

### **Note**

**Unless otherwise indicated, the figures above are average values and should not be treated at face value for specification purposes. The Company reserves the right to improve products, and any change in specification will result in a re-issue of the information sheet. Customers should satisfy themselves that the tape is suitable for their requirements whether after such modification or otherwise. Please check that you have the latest issue of the information sheet. All slitting and length tolerances are to British Standards, but other tolerances are available by request.**



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## Material Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Cloth Tape

### SECTION 2: INGREDIENTS

	C.A.S. No.	% by Wt
POLYETHYLENE FILM	VARIOUS	45 -50
Thermoplastic SIS Elastomer Adhesive	VARIOUS	40 -45
COTTON CLOTH	VARIOUS	10 -15

### SECTION 3: HAZARDS IDENTIFICATION

**Odor, Color, Grade:** This is a grey/silver, polyethylene film backed, white cotton scrimed Duct tape with a white pigmented hot melt PSA **General Physical Form:** Solid **Immediate health, physical, and environmental hazards:** This product, when used under reasonable conditions and in accordance with the Yongguan directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

#### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

Eye contact is not expected to occur during normal use of the product.

**Skin Contact:**

Contact with the skin during product use is not expected to result in significant irritation.

**Inhalation:**

If thermal decomposition occurs:

Vapors from heated material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Ingestion:**

No health effects are expected.

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## **SECTION 4: FIRST AID MEASURES**

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### **4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** No need for first aid is anticipated.

**Skin Contact:** No need for first aid is anticipated.

**Inhalation:** If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

**If Swallowed:** No need for first aid is anticipated.

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## **SECTION 5: FIRE FIGHTING MEASURES**

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### **5.1 FLAMMABLE PROPERTIES**

**Autoignition temperature**

150 - 170 °C

**Flash Point**

110 - 140 °C

**Flammable Limits - LEL**

*No Data Available*

**Flammable Limits - UEL**

*No Data Available*

### **5.2 EXTINGUISHING MEDIA**

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

### **5.3 PROTECTION OF FIRE FIGHTERS**

**Special Fire Fighting Procedures:** Water may be used to blanket the fire.

**Unusual Fire and Explosion Hazards:** No unusual fire or explosion hazards are anticipated.

**Note:** See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Accidental Release Measures:** Not applicable.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 HANDLING**

Do not ingest. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### **7.2 STORAGE**

Store away from heat. Store out of direct sunlight.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 ENGINEERING CONTROLS**

Not applicable.

### **8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

#### **8.2.1 Eye/Face Protection**

Not applicable.

#### **8.2.2 Skin Protection**

Not applicable. Gloves not normally required. Avoid prolonged or repeated skin contact.

#### **8.2.3 Respiratory Protection**

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### **8.2.4 Prevention of Swallowing**

Not an expected route of exposure.

### **8.3 EXPOSURE GUIDELINES**

None Established Odor, Color, Grade:

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **General Physical Form:**

This is a grey/silver, polyethylene film backed, white cotton scrimed Duct tape with a white pigmented hot melt PSA

## **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable.

**Materials and Conditions to Avoid:** None known

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

## **Hazardous Decomposition or By-Products**

### **Substance Condition**

Carbon monoxide Not Specified Carbon dioxide Not Specified

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Not available

## **SECTION 12: ECOLOGICAL INFORMATION**

### **ECOTOXICOLOGICAL INFORMATION**

Not determined.

### **CHEMICAL FATE INFORMATION**

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Not applicable.

**Since regulations vary, consult applicable regulations or authorities before disposal.**

## **SECTION 14: TRANSPORT INFORMATION**

No special requirement.

## **SECTION 15: REGULATORY INFORMATION**

Not available.

## **SECTION 16: OTHER INFORMATION**

Not available.

**DISCLAIMER:** The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. Yongguan MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is