

# MATERIAL SAFETY DATA SHEET

## SECTION 1 COMPANY IDENTIFICATION

PRODUCT NAME  **BS-IN75D (HT-3004) INSIGNIA CLOTH**

USE  **ADHESIVE TAPE**

FORMULA  CHEMICAL FAMILY  **ACRYL COPOLYMER COMPOUND**

## SECTION 2 COMPOSITION

SINGLE OR MIXTURE  MIXTURE

CHEMICAL IDENTIFICATION  ACRYLIC COPOLYMER

## SECTION 3 HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS NO.	Content %	H/F/R
Ethyl Acetate(EAC)	141-78-6	20	1/3/0
Toluene	108-88-3	25	2/3/0
NON-HAZARDOUS COMPONENTS	CAS NO.	Content %	H/F/R
Acrylic Copolymer	25085-41-0	43	
Resin Ester	20633-97-0	6	
Petroleum Resin	64742-16-1	6	

## SECTION 4 FIRST AID MEASURES

INHALATION  Remove to fresh air.

SKIN CONTACT  Remove product from skin with dry cloth or towel, and wash exposed area with detergent.

EYES CONTACT  Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.

INGESTION  Wash mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

## SECTION 5 PHYSICAL AND CHEMICAL DATA

BOILING POINT  92

SPECIFIC GRAVITY  0.95

SOLUBILITY  Insoluble

APPEARANCE AND ODOR  YELLOW CLEAR LIQUID AND ODOR OF  
ORGANIC SOLVENT

**SECTION 6 FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT -4

EXTINGUISHING MEDIA Carbon dioxide gas, dry chemical and foams

SPECIAL FIRE FIGHTING PROCEDURES THE FIRST STAGE EXTINGUISH  
BY DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS N.I.

N.A. NOT APPLICABLE

N.I. NO INFORMATION WAS FOUND

**SECTION 7 ACCIDENTAL RELEASE MEASURES**

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shut off all ignition sources

Contain the spill or leak.

Scrape up with rag and place in container.

**SECTION 8 REACTIVITY DATA**

STABILITY Stable

(CONDITIONS TO AVOID) OPEN FLAMES OR HIGH TEMPERATURE

INCOMPATIBILITY (MATERIAL TO AVOID) STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION OR BY PRODUCTION CO<sub>2</sub> CO NO<sub>x</sub>.

(CONDITIONS TO AVOID): HIGH TEMPERATURE (KEEP BELOW 40 )

**SECTION 9 HANDLING AND STORAGE**

PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use.

Store in a cool place.

Keep away from heat, sparks and flame.

Do not lay the container on its side.

Avoid breathing vapor.

Use with adequate ventilation.

Avoid contact with eyes and skin.

Avoid contact with water or moisture.

Do not re-use the container.

Do not puncture or cut this container, and do not weld on or near this container.

**SECTION 10 HEALTH HAZARD DATA**

ROUTE OF ENTRY Inhalation, skin.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE Head ache, giddiness.

CHRONIC Obstacles balance

CARCINOGENICITY Toluene is classified as group 3 carcinogen (not for human),.

SIGNS AND SYMPTOMS OF EXPOSURE  Head ache  giddiness.

EMERGENCY AND FIRST AID PROCEDURES:

IN CASE OF SPLASHING IN EYES: The direct contact to the eyes may result in severe irritation and possible damage to the cornea and vision.

IN CASE OF STICKING ON SKIN: It may cause an irritation on the skin and persistence of redness.

IN CASE OF INGESTION: REMOVE TO FRESH AIR, IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION. CONTACT PHYSICIAN.

#### SECTION 11 ECOLOGICAL INFORMATION

BIODEGRADATION  No information is available for polymer .Toluene and ethyl acetate are easily degradable.

BIOACCUMULATION  No information is available for polymer. Toluene and ethyl acetate are only with little bio concentration.

AQUATIC TOXICITY  No apparent toxicity for fish.

OTHER INFORMATION .

#### SECTION 12 PERSONAL PROTECTION

RESPIRATORY PROTECTION(SPECIAL TYPE)  Not require.

VENTILATION

LOCAL EXHAUST  Recommended.

MECHANICAL(general)  Adequate ventilation system.

SPECIAL  Unknown

OTHER  Unknown

PROTECTIVE GLOVES  Plastic film or rubber gloves.

EYE PROTECTIVE  Safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT  Safety shower and eyewash equipment.

#### SECTION 13 DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

Do not dispose of the emptied container unless the contents have been completely removed and container has been flushed with a clean neutral solvent and then dried up. Observe all federal, state, and local laws.

#### SECTION 14 TRANSPORT INFORMATION

Hazard class : 3 (Flammable liquid – Poly acrylic solution)

Shipping name : Resin solution( Poly acrylic solution)

UN Number :1133 for adhesive, containing a flammable liquid  
(1294 for toluene,1173 for EAC)

**Hazard class : 0 (Insignia cloth)**

**Shipping name : Insignia cloth ( or Mark Cloth)**

**SECTION 15 REGULATORY INFORMATION**

TOXIC SUBSTANCES CONTROL ACT STATUS

List on the TSCA Inventory.

LABELING ACCORDING TO EC-REGULATIONS REQUIRED

SYMBOL



R-PHRASE  R11 R20 R36 R66 R67

S-PHRASE  S16 S25 S26 S29 S33

CONTAINS

**SECTION 16 OTHER INFORMATION**

For Industrial Use Only.

This materials safety data sheet is offered solely for your information, consideration and investigation. The data described in this MSDS consist of data on literature, our acquisition data and analogical inference by data of similar chemical substance or product.

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