

IDENTIFICATION

PRODUCT NAME : PolyCHECK[®] Swab

COMPANY : Foamtec International Co., Ltd.

Branch 3 : 111/1 Moo 2, Phahonyothin RD. KM. 56 Tambol Lamsai
Amphur Wangnoi, Pranakornsriyutthaya 13170
Tel +66 35 740 717 Fax +66 35 740 744

Branch 6 : 259/1 Moo 3 Laem Chabang Industrial Estates
Thungsukhla, Sriracha, Chonburi 20230
Tel.: +66 33 678 877 Fax.: +66 33 678 876

Material 1 : High Flow Polypropylene Homopolymer

1.1 HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES : Not applicable.

SKIN : Exposure to molten may cause thermal burns.

INHALATION : Not applicable.

SIGNS AND SYMPTOMS OF OVER EXPOSURE

EYES : Irritation or redness.

SKIN : Not applicable.

INHALATION : Irritation of the nose, throat and respiratory tract.

CHRONIC : None known

CARCINOGENICITY : None known

MUTAGENICITY : None known

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS : None known

TERATOGENIC EFFECTS : None known

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Safety Data Sheet

Material 1 : High Flow Polypropylene Homopolymer

1.2 COMPOSITION / INFORMATION OR IDENTIFICATION

Polyamides & Polyester Compound (Micro Fiber Multi-Filament Nylon/Polyester Bi-Components)

| <u>Chemical Name</u> | <u>Wt.%</u> | <u>CAS #</u> |
|-----------------------------|-------------|--------------|
| Polypropylene Homopolymer | > 95 | 9003-07-0 |
| Stabilizers (trade secrete) | < 5 | |

1.3 FIRST AID MEASURES

| | |
|---------------------------|---|
| EYES | : Flush eyes with water for 15 minutes. Get medical attention. |
| SKIN | : Molten resin - If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe damage. Get medical attention. |
| INGESTION | : Not applicable. |
| INHALATION | : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| ANTIDOTES | : Not applicable. |
| NOTES TO PHYSICIAN | : None. |

1.4 FIRE - FIGHTING MEASURES

| | |
|--|---|
| FLASHPOINT AND METHOD | : Not determined. |
| FLAMMABLE LIMITS AUTOIGNITION TEMPERATURE | : Not yet determined. |
| EXTINGUISHING MEDIA | : Use foam, carbon dioxide, or water spray when fighting fires involving this material. |
| HAZARDOUS COMBUSTION PRODUCTS | : Carbon dioxide, carbon monoxide, ketones, acrolein, aldehydes, unidentified organic compounds. |
| EXPLOSION HAZARDS | : Product as shipped is not a combustible dust. However, a combustible concentration of dust may occur when fines are suspended in air. |

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Material 1 : High Flow Polypropylene Homopolymer

- FIRE FIGHTING PROCEDURES** : Standard procedure for Class A fires.
- FIRE FIGHTING EQUIPMENT** : As in any fire, water self-contained pressure demand breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.
- SENSITIVE TO STATIC DISCHARGE** : Static discharge could be an ignition source for a combustible concentration of dust.
- SENSITIVITY TO IMPACT** : Not applicable.

1.5 ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

- WATER SPILL** : Keep pellets out from waterways.
- LAND SPILL** : Not yet determined.
- AIR SPILL** : Not yet determined.
- GENERAL PROCEDURES** : Vacuum or sweep up material and place in a disposal container.

1.6 HANDLING AND STORAGE

- GENERAL PROCEDURES** : Keep away from heat, sparks and flame.
- HANDLING** : Ground and bond containers when transferring material.
- STORAGE** : This product may react with strong oxidizing agents and should not be stored near such materials. Store boxed and bags of material in areas protected with automatic sprinklers.
- STORAGE TEMPERATURE** : 60°C (140°F) maximum.
- SHELF LIFE** : Not yet determined.
- ELECTROSTATIC ACCUMULATION HAZARD** : Material may accumulate static charges during transfers. Ground and **bond** containers when transferring material.

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Material 1 : High Flow Polypropylene Homopolymer

1.7 EXPOSURE CONTROLS PERSONAL PROTECTION

NOT APPLICABLE

1.8 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Solid

ODOR : Slightly waxy odor

APPEARANCE : Pellet

COLOR : Translucent to white

FREEZING POINT : Not applicable

MELTING POINT : > 160°C (320°F)

DENSITY : Not determined

SPECIFIC GRAVITY : 0.88 TO 0.92

MOLECULAR WEIGHT : Not determined

(VOC) NOTES : Not yet determined

PHYSICAL STATE : None

PERCENT VOLATILE : < 0.4%

VAPOR PRESSURE : Not applicable

BOILING POINT : Not applicable

WATER SOLUBILITY : Negligible

EVAPORATION RATE : Not applicable

UNCONTROLLED

1.9 STABILITY AND REACTIVITY

NOT APPLICABLE

1.10 TOXICOLOGICAL INFORMATION

NOT APPLICABLE

1.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

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Material 1 : High Flow Polypropylene Homopolymer

1.12 DISPOSAL CONSIDERATION

NOT APPLICABLE

1.13 TRANSPORT INFORMATION

NOT APPLICABLE

1.14 REGULATORY INFORMATION

NOT APPLICABLE

1.15 OTHER INFORMATION

NOT APPLICABLE

UNCONTROLLED

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Material 2 : Irgastat Conductive Polymer

2.1 HAZARD IDENTIFICATION

NOT APPLICABLE

2.2 COMPOSITION / INFORMATION ON INGREDIENTS

| CAS Number | Product Name | Content | Symbol(s) | R-Phraso(s) |
|-------------|---------------------------------|---------|-----------|-------------|
| 007791-07-3 | Sodium-perchlorate, monohydrate | < 5% | O - Xn | R09-R22 |

2.3 FIRST AID MEASURES

| | |
|---------------------|--|
| SKIN CONTACT | : Wash off with soap and plenty of water. Do not use organic solvents. |
| EYE CONTACT | : Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention. |
| INHALATION | : Move to fresh air. In case of prolonged exposure, seek medical attention. In case of indisposition, seek medical attention. In case of irritation of respiratory system or mucous membranes, seek medical attention. |
| INGESTION | : Immediately give plenty (> 500 ml) of water (if possible charcoal slurry). In case of spontaneous vomiting be sure that vomitus can freely drain due of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in cases of unconsciousness or convulsion. Seek medical advice. |

2.4 FIRE - FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Water spray, Carbon dioxide (CO₂), Foam, Dry powder.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS

: High volume water jet.

EXPOSURE HAZARDS

: Contaminated water from fire hoses or sprinklers, etc., must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing.
Contaminated water and soil must be disposed of in conformity with local regulations.

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Material 2 : Irgastat Conductive Polymer

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

: Wear full protective clothing. Wear self-contained breathing apparatus.

HAZARDOUS DECOMPOSITION PRODUCTS

: Oxides of carbon, Oxides of nitrogen (NOx), Oxides of phosphorus,
Toxic gases/vapours.

2.5 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

: Do not breathe vapours/dust. Remove all sources of ignition. Avoid contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTIONS

: Do not flush into surface water, sanitary sewer or ground water system.

METHODS FOR CLEANING UP

: Use mechanical handling equipment. Collect the spilled product into suitable containers, which must be tightly sealed and properly labelled. Avoid dust formation.

2.6 HANDLING AND STORAGE

HANDLING

: Avoid dust formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.

STORAGE

: Keep away from food and drink. Store in the original container securely closed.

2.7 EXPOSURE CONTROLS PERSONAL PROTECTION

EXPOSURE LIMIT(S)

: Value not tested.

TECHNICAL MEASURES / PRECAUTIONS

: No special precautions required.

RESPIRATORY PROTECTION

: Effective dust mask.

HAND PROTECTION

: Protective gloves.

EYE PROTECTION

: Suitable goggles or face protection.

SKIN AND BODY PROTECTION

: Working clothes, Closed footwear.

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Material 2 : Irgastat Conductive Polymer

2.8 PHYSICAL AND CHEMICAL PROPERTIES

FORM : Pastilles.
COLOUR : White.
ODOUR : Odourless.
MELTING / FREEZING TEMPERATURE : 170 - 180° C

2.9 STABILITY AND REACTIVITY

DECOMPOSITION TEMPERATURE : Not tested.
CONDITIONS TO AVOID : Static discharges.
MATERIALS TO AVOID : Strong acids, strong bases and strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS : Oxides of carbon, Oxides of nitrogen (NOx), Oxides of phosphorus, Toxic gases/vapours.
FURTHER INFORMATION : In contact with oxidisable material sodium perchlorate may explode when ignited.

2.10 TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY LD50 > 2000 mg/kg EEC 88/379
 Rat Conventional Method
ACUTE DERMAL Not irritant EEC 88/379
IRRITATION/CORROSION Conventional Method
 Rabbit
ACUTE EYE IRRITATION/CORROSION Not irritant EEC 88/379
 Rabbit Conventional Method
ACUTE SKIN SENSITISATION Not sensitising EEC 88/379
 Guinea pig Conventional Method

2.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

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Material 2 : Irgastat Conductive Polymer

2.12 DISPOSAL CONSIDERATION

NOT APPLICABLE

2.13 TRANSPORT INFORMATION

NOT APPLICABLE

2.14 REGULATORY INFORMATION

NOT APPLICABLE

2.15 OTHER INFORMATION

NOT APPLICABLE

UNCONTROLLED

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Material 3 : Flexible Polyurethane Foam

3.1 HAZARD IDENTIFICATION

| | |
|----------------------------------|--|
| FLASH POINT | : Decomposition products flash at 500 F |
| FLAMMABLE LIMITS | : Not applicable |
| UEL | : None |
| LEL | : None |
| NFPA SPRINKLER CLASSIFICATION | : Extra hazard |
| EXTINGUISHER MEDIA | : Dry chemical, water, CO2 |
| SPECIAL FIRE FIGHTING PROCEDURES | : Wear self - contained breathing apparatus in enclosed areas |
| UNUSUAL FIRE & EXPLOSION HAZARDS | : If ignited, foam can produce rapid flame spread, intense heat, dense black smoke & toxic gases. Material can melt into a burning liquid which can drip and flow. Accumulated polyurethane dust can be readily ignited and presents a fire risk. High concentrations of dust in the air can explode if exposed to a flame, spark or other ignition sources. |

3.2 COMPOSITION / INFORMATION ON IDENTIFICATION

| | |
|---------------------|---|
| MELTING POINT | : 350 - 375 °F |
| DENSITY | : 1.1 - 20 lbs/cfc |
| SOLUBILITY IN WATER | : Insoluble |
| APPEARANCE AND ODOR | : Uniform cellular solid structure of varying colors with slight characteristic odor. |

3.3 FIRST AID MEASURES

NOT APPLICABLE

3.4 FIRE FIGHTING MEASURES

NOT APPLICABLE

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Material 3 : Flexible Polyurethane Foam

3.5 ACCIDENTAL RELEASE MEASURES

NOT APPLICABLE

3.6 HANDLING AND STORAGE

- STEP TO BE TAKEN IN CASE** : No special response required
- MATERIALS IS RELEASED OR SPILLED**
- WASTE DISPOSAL METHOD** : Federal, state and local authorities should be contacted before attempting any form of disposal
- SAFE HANDLING AND STORAGE** : Warehousing of bun stock, sheets, rolls, and fabricated items should be stored under a fusible sprinkler system with minimum of six feet clearance between stacks of foam and the sprinkler heads. Do not store foam neat any ignition sources suchas exposed electrical or gas heating elements, open flames and exposed lights Donot smoke in foam storage areas. Do not allow foam scrap and cuttings to accumulate and maintain clear aisles with adequate access to all storage areas and exits.
- OTHER PRECAUTIONS** : Notify local fire companies of presence of large quantities of foam.

3.7 EXPOSURE CONTROLS PERSONAL PROTECTION

- ROUTES OF ENTRY** : Inhalation - Foam dust
- HEALTH HAZARDS** : Coares dust can cause mechanical irritation of lungs and eyes. Airbone dust is evaluatedas a nuisance dust. If ignited foam may decompose and emit toxic gases and respiratory
- CARCINOGENICITY**
- NIP** : None
- IARC MONOGRAPHS** : No
- OSHA REGULATED** : No

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Material 3 : Flexible Polyurethane Foam

3.8 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|--|
| STABILITY | : Stable |
| CONDITIONS TO AVOID | : High temperature, open flames; strong oxidizers (i.e. hypochlorites) |
| INCOMPATIBILITY | : Strong oxidizing acids - will degrade |
| HAZARDOUS DECOMPOSITION | |
| PRODUCTS | : CO, acetaldehyde, acrylonitrile, polymer fragments, oxides of nitrogen and hydrogen cyanide |
| HAZARDOUS POLYMERIZATION | : Will not Occur |

3.9 STABILITY AND REACTIVITY

NOT APPLICABLE

3.10 TOXICOLOGICAL INFORMATION

NOT APPLICABLE

3.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

3.12 DISPOSAL CONSIDERATION

NOT APPLICABLE

3.13 TRANSPORT INFORMATION

NOT APPLICABLE

3.14 REGULATORY INFORMATION

NOT APPLICABLE

3.15 OTHER INFORMATION

NOT APPLICABLE

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Material 4 : Polyester

4.1 HAZARD IDENTIFICATION

| | |
|-------------------------------------|--|
| LD50 LC50 MIXTURE | : Not provided. |
| INHALATION | : NO. |
| SKIN | : NO. |
| INGESTION | : NO. |
| OSHA | : NO. |
| HEALTH HAZARDS ACUTE AND CHRONIC | : Product is in solid form and will not become airborne except under extreme conditions. Even then it shows no toxic reaction. |
| EXPLANATION OF CARCINOGENICITY | : IARC lists nylon & polyester as "No adequate evidence". |
| SIGNS AND SYMPTOMS OF OVEREXPOSURE | : None. |
| MEDICAL COND AGGRAVATED BY EXPOSURE | : Not provided. |

4.2 COMPOSITION / INFORMATION ON IDENTIFICATION

Polyamides & Polyester Compound (Micro Fiber Multi-Filament Nylon/Polyester Bi-Components)

4.3 FIRST AID MEASURES

Use normal first aid procedures.

4.4 FIRE-FIGHTING MEASURES

| | |
|---------------------------------|---|
| FLASH POINT (METHOD USED) | : Marked Class1 "Did Not Ignite" by test method ASTM D1230-1994 |
| FLAMMABLE LIMITS | : Marked Class1 "Did Not Ignite" by test method ASTM D1230-1994 |
| EXTINGUISHING MEDIA | : Self-extinguishing-water or other class a extinguish agent. |
| FIRE FIGHTING PROCEDURES | : Use NIOSH/MSHA approved SCBA in an enclosed area in fires. |
| UNUSUAL FIRE / EXPLOSION HAZARD | : None indicated by the MFR. |

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Material 4 : Polyester

4.5 ACCIDENTAL RELEASE MEASURES

SPILL RELEASE PROCEDURES : Use proper personal protection; use normal procedures and collect for proper disposal. Nylon fibers and polyester fibers are not toxic.

NEUTRALIZING AGENT : Not provided.

4.6 HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS : Store in a cool, dry, well ventilated area.

OTHER PRECAUTIONS : Not provided.

4.7 EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION : None expected to be necessary.

VENTILATION : Normal room ventilation.

PROTECTIVE GLOVES : None.

EYE PROTECTION : Safety glasses or splash goggles.

OTHER PROTECTIVE EQUIPMENT : As required to prevent prolonged contact.

WORK HYGIENIC PRACTICES : Use good industrial hygiene practice. Avoid unnecessary contact.

SUPPLEMENTAL SAFETY AND HEALTH : Not provided.

4.8 PHYSICAL AND CHEMICAL PROPERTIES

BOILING PT : Not provided.

MELTING PT : 243 - 252 °C

VAPOR PRESS : Not provided.

VAPOR DENSITY : Not provided.

SPEC GRAVITY : 1.15

pH : N/A

VISCOSITY : Not applicable.

EVAPORATION RATE & REFERENCE : Not applicable.

SOLUBILITY IN WATER : Insoluble.

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Material 4 : Polyester

APPEARANCE AND ODOR : White color with a herringbone texture-no odor.
PERCENT VOLATILES BY VOLUME : < 1.0
CORROSION RATE : Not applicable.

4.9 STABILITY AND REACTIVITY

STABILITY INDICATOR / MATERIALS TO AVOID : Strong acid, formic acid, phenols, cresol.
STABILITY CONDITION TO AVOID : Melts at 243 °C
HAZARDOUS DECOMPOSITION PRODUCTS : At temp > 660 °F : CO, CO₂, HCN, NO₂, FRAGMENTS OF ORIGINAL MONOMER
HAZARDOUS POLYMERIZATION INDICATOR : NO.
CONDITIONS TO AVOID POLYMERIZATION : None noted.

4.10 TOXICOLOGICAL INFORMATION

NOT APPLICABLE

4.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

4.12 DISPOSAL CONSIDERATION

WASTE DISPOSAL METHODS : Dispose I/A/W federal, state, local regulations.

4.13 TRANSPORT INFORMATION

NOT APPLICABLE

4.14 REGULATORY INFORMATION

NOT APPLICABLE

4.15 OTHER INFORMATION

NOT APPLICABLE

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Material 5 : Polyamides & Polyester Compound (Micro Fiber Multi-Filament Nylon/Polyester BI-Components)

5.1 HAZARD IDENTIFICATION

HEALTH HAZARDS ACUTE AND CHRONIC : Product is in solid form and will not become airborne except under extreme conditions. Even then it shows no toxic reaction.

EXPLANATION OF CARCINOGENICITY : IARC lists Nylon & Polyester as "No adequate evidence"

FIRST AID MEASURES

FIRST AID : Use normal first aid procedures.

ACCIDENTAL RELEASE MEASURES

SPILL RELEASE PROCEDURES : Use proper personal protection; use normal procedures and collect for proper disposal. Nylon fibers and polyester fibers are not toxic.

WASTE DISPOSAL METHODS : Dispose I/A/W Federal, State, Local Regulations.

5.2 COMPOSITION / INFORMATION ON IDENTIFICATION

NOT APPLICABLE

5.3 FIRST AID MEASURES

NOT APPLICABLE

5.4 FIRE FIGHTING MEASURES

NOT APPLICABLE

5.5 ACCIDENTAL RELEASE MEASURES

NOT APPLICABLE

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Material 5 : Polyamides & Polyester Compound (Micro Fiber Multi-Filament Nylon/Polyester BI-Components)

5.6 HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS : Store in a cool, dry, well ventilated area.

FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) : Marked class 1 " did not Ignite" by test method ASTM D1230-1994

FLAMMABLE LIMITS : Marked class 1 " did not Ignite" by test method ASTM D1230-1995

EXTINGUISHING MEDIA : Self-extinguishing-water or other class a extinguish agent.

FIRE FIGHTING PROCEDURES : Use Niosh/Msha approved scba in an enclosed area in fires.

UNUSUAL FIRE / EXPLOSION HAZARD : None indicated by the mfr.

VENTILATION : Normal room ventilation.

WORK HYGIENIC PRACTICES : Use good industrial hygiene pracice. Avoid unnecessary contact.

SUPPLEMENTAL SAFETY AND HEALTH : Not provided

5.7 EXPOSURE CONTROLS PERSONAL PROTECTION

NOT APPLICABLE

5.8 PHYSICAL AND CHEMICAL PROPERTIES

BOILING Pt : Not provided

MELTING Pt : 243-252 deg. C

VAPOR DENSITY : Not provided

VOLATILE ORG CONTENT %

SPEC GRAVITY : 1.15

VOC GRAMS / LITER

VISCOSITY : Not applicable.

EVAPORATION RATE & REFERENCE : Not applicable.

SOLUBILITY IN WATER : Insoluble.

APPEARANCE AND ODOR : White color with a herringbone texture-no odor.

PERCENT VOLATILES BY VOLUME : < 1.0

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Material 5 : Polyamides & Polyester Compound (Micro Fiber Multi-Filament Nylon/Polyester BI-Components)

CORROSION RATE : Not applicable.

STABILITY AND REACTIVITY DATA

STABILITY INDICATOR / MATERIALS TO AVOID : Strong acid, formic acid, phenols, cresol.

STABILITY CONDITION TO AVOID : Melts at 243C

HAZARDOUS DECOMPOSITION PRODUCTS : At temp > 660F : CO,CO*2,HCN,NO*2, fragments of original monomer.

HAZARDOUS POLMERIZATION INDICATOR : No

CONDITIONS TO AVOID POLYMERIZATION : None noted.

5.9 STABILITY AND REACTIVITY

NOT APPLICABLE

5.10 TOXICOLOGICAL INFORMATION

NOT APPLICABLE

5.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

5.12 DISPOSAL CONSIDERATION

NOT APPLICABLE

5.13 TRANSPORT INFORMATION

NOT APPLICABLE

5.14 REGULATORY INFORMATION

NOT APPLICABLE

5.15 OTHER INFORMATION

NOT APPLICABLE

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Material 6 : Polyester

6.1 HAZARD IDENTIFICATION

| | |
|-------------------------------------|--|
| LD50 LC50 MIXTURE | : Not provided. |
| INHALATION | : NO. |
| SKIN | : NO. |
| INGESTION | : NO. |
| OSHA | : NO. |
| HEALTH HAZARDS ACUTE AND CHRONIC | : Product is in solid form and will not become airborne except under extreme conditions. Even then it shows no toxic reaction. |
| SIGNS AND SYMPTOMS OF OVEREXPOSURE | : None. |
| MEDICAL COND AGGRAVATED BY EXPOSURE | : Not provided. |

6.2 COMPOSITION / INFORMATION ON IDENTIFICATION

Polyester

6.3 FIRST AID MEASURES

Use normal first aid procedures.

6.4 FIRE - FIGHTING MEASURES

| | |
|---------------------------------|--|
| FLASH POINT (METHOD USED) | : Marked Class I "Did Not ignite" by test method ASTM D1230-1994 |
| FLAMMABLE LIMITS | : Marked Class I "Did Not ignite" by test method ASTM D1230-1994 |
| EXTINGUISHING MEDIA | : Self-extinguishing-water or other class a extinguish agent. |
| FIRE FIGHTING PROCEDURES | : Use niosh/MSHA approved SCBA in an enclosed area in fires. |
| UNUSUAL FIRE / EXPLOSION HAZARD | : None indicated by the MFR. |

6.5 ACCIDENTAL RELEASE MEASURES

| | |
|--------------------------|---|
| SPILL RELEASE PROCEDURES | : Use proper personal protection; use normal procedures and collect for proper disposal. Nylon fibers and polyester fibers are not toxic. |
| NEUTRALIZING AGENT | : Not provided. |

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Material 6 : Polyester

6.6 HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS : Store in a cool, dry, well ventilated area.

OTHER PRECAUTIONS : Not provided.

6.7 EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION : None expected to be necessary.

VENTILATION : Normal room ventilation.

PROTECTIVE GLOVES : None.

EYE PROTECTION : Safety glasses or splash goggles.

OTHER PROTECTIVE EQUIPMENT : As required to prevent prolonged contact.

WORK HYGIENIC PRACTICES : Use good industrial hygiene practice. Avoid unnecessary contact.

SUPPLEMENTAL SAFETY AND HEALTH : Not provided.

6.8 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Solid

COLOR : Black

ODOR : Odorless

VAPOR PRESS : Not provided.

VAPOR DENSITY : Not provided.

FREEZING POINT : Not applicable

MELTING POINT : 243 - 252 °C

DENSITY : Not determined

SPECIFIC GRAVITY : 1.55

PERCENT VOLATILE : None

VAPOR PRESSURE : Not applicable

BOILING POINT : Not applicable

WATER SOLUBILITY : Insoluble.

EVAPORATION RATE : Not applicable

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Safety Data Sheet

Material 6 : Polyester

6.9 STABILITY AND REACTIVITY

STABILITY INDICATOR / MATERIALS TO AVOID : Strong acid, formic acid, phenols, cresol.

STABILITY CONDITION TO AVOID : Melts at 243 °C

HAZARDOUS DECOMPOSITION PRODUCTS : At temp > 660 °F : CO, CO₂, FRAGMENTS OF ORIGINAL MONOMER

HAZARDOUS POLYMERIZATION INDICATOR : NO.

CONDITIONS TO AVOID POLYMERIZATION : None noted.

6.10 TOXICOLOGICAL INFORMATION

NOT APPLICABLE

6.11 ECOLOGICAL INFORMATION

NOT APPLICABLE

6.12 DISPOSAL CONSIDERATION

WASTE DISPOSAL METHODS : Dispose I/AW federal, state, local regulations.

6.13 TRANSPORT INFORMATION

NOT APPLICABLE



6.14 REGULATORY INFORMATION

NOT APPLICABLE

6.15 OTHER INFORMATION

NOT APPLICABLE

UNCONTROLLED

| | | |
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| Issued By : <u>Wanchai B.</u> (Engineer) | Checked By : <u></u> (Engineering Manager) | Approved By : <u></u> (Sr.Mgr /GM.) |