



Material Safety Data Sheet

POLYCHEM 5

Issue Date: 03/30/10

SECTION 1.

PRODUCT INFORMATION

Trade Name:

PolyChem 5

Chemical Name, Synonyms: POLYMERIC COATED FABRIC

EMERGENCY PHONE NUMBERS:

DAY: 330-262-1111

NIGHT (CHEMTREC):

800-424-9300

INFORMATION: 330-262-1111

SECTION 2.

INGREDIENTS

Component

NYLON OR POLYESTER FABRIC

POLYETHER BASED POLYURETHANE COMPOUND (TRADE SECRET
PER CFR 1910.1200[i])

TLV (Units)

N.A.

N.A.

SECTION 3.

PHYSICAL DATA

Boiling Point:

N.A.

Specific Gravity:
%

N.A.

Vapor Pressure

N.A.

Volatile (Vol.):

N.A.

Vapor Density:

N.A.

Color and Odor:

Various, Plastic Odor

Solubility in Water

Insoluble

Physical State:

Solid Sheet

SECTION 4.

FIRE AND EXPLOSION HAZARD DATA

Flash Point:

N.A.

Flammable Limits:

N.A.

EXTINGUISHING MEDIA: Water fog, foam or dry chemical; CO2 may not have enough cooling to prevent re-ignition

FIRE PROTECTIVE EQUIPMENT: Positive pressure self-contained breathing apparatus and full protective clothing to fight fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known



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SECTION 5.

STABILITY - CONDITIONS TO AVOID:

INCOMPATIBILITY - MATERIALS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION:

REACTIVITY DATA

Combustible if exposed to flame

None

CO, CO₂, Small Amounts of HCN, Oxide of Nitrogen, Aromatic and Aliphatic Hydrocarbons

Will Not Occur

SECTION 6.

ACUTE TOXICITY

Oral Ingestion:

Eye Contact:

Skin Contact:

Inhalation:

First Aid Procedures:

Chronic Toxicity:

HEALTH HAZARD DATA

Not normally a route of exposure

Eye irritation is possible due to processing vapors when film is heated sufficiently to cause mass melting of the polymer, such as during heat welding

Skin irritation is possible due to processing vapors when film is heated sufficiently to cause mass melting of the polymer, such as during heat welding

Respiratory irritation is possible due to processing vapors when film is heated sufficiently to cause mass melting of the polymer, such as during heat welding

Wash thoroughly with soap and water. Remove to fresh air if respiratory irritation occurs. If irritation persists, call a physician.

No chronic effects due to exposure are known.



SECTION 7.

Steps To Be Taken In Case Of Spill:

Disposal Method:

SPILL OR LEAK PROCEDURES

Dispose in approved landfill

Bury or incinerate in accordance with Federal, State and Local Codes. Not defined as hazardous by current provisions of RCRA

SECTION 8.

Ventilation:

Respiration Protection:

Protective Clothing:

Eye Protection:

Other Protective Equipment:

SPECIAL PROTECTION INFORMATION

Local exhaust, especially if irritation occurs

Not normally necessary

Wear gloves when handling hot material

Not normally necessary

Not normally necessary

SECTION 9.

Precautions To Be Taken In Handling and Storage:

Other Precautions:

SPECIAL PRECAUTIONS OR OTHER COMMENTS

In operations such as heat welding or thermoforming involving heat sufficient to cause melting of the polymer, irritating fumes may be evolved. Adequate ventilation should be provided.

Avoid inhalation of processing fumes

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