



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont  
Material Safety Data Sheet

Page 1

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"HYTREL" POLYESTER ELASTOMERS ALL IN SYNONYM LIST HYT007  
HYT007 Revised 6-MAR-2000  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Material Identification

"HYTREL" is a registered trademark of DuPont.

Corporate MSDS Number : DU007295

# Tradenames and Synonyms

"HYTREL" 3046 NC010, 3046-120 NC010, 3046X1, 3048X1, 3078,  
"HYTREL" 4056, 4059FG, 4068, 4069, 4069B, 4533, #  
"HYTREL" 4556, 4556B, 4766X1, 4767,  
"HYTREL" 5526, 5553FG NC010, 5556, 6356, 6359FG, #  
"HYTREL" 7246, 7246HV, 8238,  
"HYTREL" BM4783X-1,  
"HYTREL" G3548L, G3548W,  
"HYTREL" G4044, G4074, G4074-103, G4078W, G4774, G4778,  
"HYTREL" G5544,  
"HYTREL" HTC2300X06,  
"HYTREL" HTR6108, HTR8171, HTR8171 NC010, HTR8186, HTR8206,  
"HYTREL" HTR8241, HTR8242,  
"HYTREL" HTR8382, HTR8347 NC010, HTR8347SPP NC010,  
"HYTREL" HTR8407 NC010, HTR8408 NC010, HTR8409 NC010,  
"HYTREL" HTR8543 NC010, HTR8618 NC010  
"HYTREL" HTX8347, HTX8382,  
"HYTREL" HTX8457 NC010,  
"HYTREL" HTX8531 NC010, HTX8532 NC010, HTX8542 NC010

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Engineering Polymers  
1007 Market Street  
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-(800)-441-7515  
Transport Emergency : 1-(800)-424-9300  
Medical Emergency : 1-(800)-441-3637

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COMPOSITION/INFORMATION ON INGREDIENTS  
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Components

Material	CAS Number	%
BUTYLENE/POLY(ALKYLENE ETHER) PHTHALATE		>90

## (COMPOSITION/INFORMATION ON INGREDIENTS - Continued)

## Components (Remarks)

Material is not known to contain Toxic Chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

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HAZARDS IDENTIFICATION  
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## Potential Health Effects

## ADDITIONAL HEALTH EFFECTS

Before using this resin, please read Bulletin H-38066, "Handling and Processing Precautions for 'HYTREL'."

## Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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FIRST AID MEASURES  
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## First Aid

## INHALATION

No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary. If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.

## SKIN CONTACT

The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable. If molten polymer gets on skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical treatment for thermal burn.

## EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

## INGESTION

No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

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FIRE FIGHTING MEASURES  
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## Flammable Properties

Flash Point : Not Applicable

Not a fire or explosion hazard.

Combustible. Hazardous gases/vapors produced in fire are carbon monoxide.

## Extinguishing Media

Water, Foam, Dry Chemical, CO2.

## Fire Fighting Instructions

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus.

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ACCIDENTAL RELEASE MEASURES  
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## Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

## Spill Clean Up

Sweep up to avoid slipping hazard.

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HANDLING AND STORAGE  
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## Handling (Personnel)

See FIRST AID and PERSONAL PROTECTIVE EQUIPMENT SECTIONS.

## Storage

Store in a cool, dry place. Keep containers tightly closed to prevent moisture absorption and contamination.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Engineering Controls

VENTILATION When hot processing this material, use local and/or general exhaust ventilation to control the concentration of vapors and fumes below exposure limits.

## (EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

In cutting or grinding operations with this material, use local exhaust to control the concentration of dust below exposure limits.

## Personal Protective Equipment

## EYE/FACE PROTECTION

Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying of molten material. A full face mask respirator provides protection from eye irritation.

## RESPIRATORS

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge with a dust/mist filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

## PROTECTIVE CLOTHING

If there is potential contact with hot/molten material, wear heat resistant clothing and footwear.

## Exposure Guidelines

## Exposure Limits

"HYTREL" POLYESTER ELASTOMERS ALL IN SYNONYM LIST HYT007  
PEL (OSHA) : Particulates (Not Otherwise Regulated)  
15 mg/m<sup>3</sup>, 8 Hr. TWA, total dust  
5 mg/m<sup>3</sup>, 8 Hr. TWA, respirable dust

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PHYSICAL AND CHEMICAL PROPERTIES  
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## Physical Data

Melting Point : 150-225 C (302-437 F)  
Solubility in Water : Insoluble  
Odor : None  
Form : Pellets  
Color : Off-white to light yellow  
Specific Gravity : >1

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STABILITY AND REACTIVITY  
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## Chemical Stability

Stable at normal temperatures and storage conditions.

## Conditions to Avoid

Oxidizing (heating in air). Abnormally long processing time or high temperatures can produce irritating and toxic fumes.

## Incompatibility with Other Materials

Incompatible or can react with oxidizing agents.

## Decomposition

Hazardous gases or vapors can be released, including acrolein, tetrahydrofuran, croton aldehyde, acetaldehyde.

## Polymerization

Polymerization will not occur.

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ECOLOGICAL INFORMATION  
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## Ecotoxicological Information

## AQUATIC TOXICITY:

No information is available. Toxicity is expected to be low based on insolubility in water.

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DISPOSAL CONSIDERATIONS  
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## Waste Disposal

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option 2 very desirable for material that cannot be recycled, but incinerator must be capable of scrubbing out acidic combustion products. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

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TRANSPORTATION INFORMATION  
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## Shipping Information

Not regulated in transportation by DOT/IMO/IATA.

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REGULATORY INFORMATION  
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## U.S. Federal Regulations

TSCA Inventory Status : In compliance with TSCA Inventory requirements for commercial purposes.

## State Regulations (U.S.)

## STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet.

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.01% FOR SPECIAL HAZARDOUS SUBSTANCES): None known.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: None known.

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1 % OR MORE (0.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS): None known.

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OTHER INFORMATION  
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## Additional Information

MEDICAL USE: CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications see DuPont CAUTION Bulletin No. H-50102.

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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# Indicates updated section.

(Continued)

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS