

# Nylon

D&K International  
MSDS Number: 1006  
Curl-Free® Nylon

## Identification

**Product Name:** Nylon/Adhesive Film

**Components:** nylon (polyamide)ethylene copolymer

## Physical/Chemical Characteristics

**Melting Range:** 203° - 445° F (95° - 230° C)

**Specific Gravity Range:** 0.8 – 1.3g/cc

**Solubility in Water:** Insoluble

**Appearance/Odor:** Thin, transparent plastic film with a milky appearance. Negligible odor.

## Fire/Explosion Hazard Data

**Autoignition Temperature:** 480° F (250° C)

**Extinguishing Media:** Water spray, carbon dioxide or dry chemical

**Special Fire Fighting Procedures:** Respiratory and eye protection should be provided for the trained fire fighting personnel to avoid contact with combustion products.

**Unusual Fire/Explosion Hazards:** The products of incomplete combustion include carbon monoxide, amines, acids, ammonia, (NH<sub>x</sub>). A static discharge device is necessary to eliminate the electrostatic buildup on the roll as it is being unwound and rewound, especially in potentially explosive atmospheres.

## Reactivity Hazard Data

**Chemical Stability:** Stable

**Incompatibility:** Avoid contact with strong acids and bases.

**Hazardous Decomposition Products:** At temperatures above 480° F (250° C), decomposition products include carbon monoxide, acids and NH compounds.

## Health Hazard Data, Effects of Exposure

**Ingestion:** Non-Toxic

**Skin Contact:** Non-Irritating

**Inhalation:** Upon over-heating may produce fumes. Remove personnel to fresh air and lower heats to recommended temperatures.

## Control/Protective Measures

**Protective Clothing:** None required under normal conditions of use. Gloves may be worn when handling extremely hot film.

**Precautions for Safe Handling and Use** No special hazards anticipated under normal conditions encountered in storage, processing and disposal.

**Waste Disposal Methods:** Recycling, incineration or landfill.

## NFPA Rating

Health = 0 Flammability = 1 Reactivity = 0

## HMIS Rating

Health = 0 Flammability = 1 Reactivity = 0