

# MATERIAL SAFETY DATA SHEET

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Date: 12/10/99

## I. IDENTIFICATION

Trade Name: Roofing Membrane (E Plus Series)

Chemical Name: Polyvinyl Chloride – Nitrile Rubber Blend

OSHA Hazard Rating (1900.1200): Non-Hazardous: qualifies for exemption as an article

DOT Hazard Class: Does Not Apply (DNA)

This product contains the following toxic chemical(s) subject to the reporting requirement of section 313 of Title III of the Superfund Amendments and 40 CFR Part 372: n-Dioctylphthalate (CAS #117-84-0), <25%; glycol ethers, <2%; lead compounds, <chromium compounds, <0.2%.

## II. PHYSICAL AND CHEMICAL DATA

Boiling Point: DNA Freezing Point: DNA Evaporation Rate: DNA

Vapor Pressure: DNA Vapor Density: DNA Water Solubility: DNA

% Volatiles: DNA Specific Gravity: DNA pH Range: DNA

Appearance and Odor: Flexible PVC-laminated fabric; odor of plasticized PVC

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: None

Materials to Avoid: Strong Oxidizing agents: solvents

Hazardous Decomposition Products: Temperatures above 200°C-cause degradation and evolution of hydrogen chloride

Storage Conditions: DNA

## III. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): DNA

Flammable Limits in Air (% by volume): Lower Limits: DNA Upper Limits: DNA

Unusual Fire and Explosion Hazards: Combustion produces carbon dioxide, carbon monoxide and hydrogen chloride

Extinguishing Media: Water, dry powder, CO<sub>2</sub>, or whatever is appropriate for the source of the fire

Special Fire Fighting Procedures: Self-contained breathing equipment is required for chemical fires

## IV. SPILL AND LEAK PROCEDURES AND DISPOSAL

Dispose of in accordance with all local, state, and Federal regulations

**V. HAZARDOUS COMPONENTS**

None per 29 CFR 1910.1200	%	PEL/Ceiling	TLV/STEL
	%	PEL/Ceiling	TLV/STEL
	%	PEL/Ceiling	TLV/STEL
	%	PEL/Ceiling	TLV/STEL

**VI. PROTECTIVE AND CONTROL MEASURES**

Eyes: DNA

Hands: DNA

Body: DNA

Respiratory: DNA

Ventilation: DNA

Work Practice: DNA

**VII. FIRST AID MEASURES**

Eyes: DNA

Skin, clothes: DNA

Inhalation: DNA

Ingestion: DNA

**VIII-A. HEALTH HAZARD DATA**

For Component: No components known to produce hazardous exposure.

Main Routes of Exposure:

Mode of Action:

Signs and Symptoms:

Carcinogenicity:

Medical Conditions Aggravated:

**VIII-B. HEALTH HAZARD DATA**

For Component:

Main Routes of Exposure:

Mode of Action:

Signs and Symptoms:

Carcinogenicity:

Medical Conditions Aggravated:

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