



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

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"SURLYN" PACKAGING RESIN ALL IN SYNONYM LIST SUR005  
SUR005 Revised 7-OCT-2003  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Material Identification

"SURLYN" is a registered trademark of DuPont.

# Tradenames and Synonyms

"SURLYN" 1901, 8120,  
"SURLYN" AD8265, SEP1197-6,

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Packaging & Industrial 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	%
ETHYLENE COPOLYMERS, PARTIAL SODIUM SALT		>99

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HAZARDS IDENTIFICATION  
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Potential Health Effects

ADDITIONAL HEALTH EFFECTS

Before using "SURLYN" Packaging Resins, read the bulletin on the safe handling of these polymers.

No information available for this "Surlyn" packaging resin or for the ethylene/methacrylic acid copolymer partial metal salt. Based on its similarity to other polymers, this "Surlyn" resin is predicted to have low toxicity.

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.

## SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.  
If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material 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

## Fire and Explosion Hazards:

Hazardous gases/vapors produced in fire are carbon monoxide, hydrocarbon oxidation products, including, organic acids, aldehydes, and, alcohols, and, sodium oxides.

## Extinguishing Media

Water, Foam, Dry Chemical, CO2.

## Fire Fighting Instructions

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

Use self-contained breathing apparatus if exposed to fumes.

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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

Recover undamaged and minimally contaminated material for reuse and reclamation.

Sweep up to avoid slipping hazard.

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HANDLING AND STORAGE  
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## Handling (Personnel)

See FIRST AID and PROTECTION INFORMATION SECTIONS

## Storage

Store in a cool, dry place.

Keep containers closed to prevent contamination.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Engineering Controls

VENTILATION Local exhaust ventilation should be used over processing equipment.

## 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.

## (EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

## PROTECTIVE CLOTHING

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

## Exposure Guidelines

## Exposure Limits

"SURLYN" PACKAGING RESIN ALL IN SYNONYM LIST SUR005  
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 : NA  
% Volatiles : Negligible  
Solubility in Water : Negligible  
Odor : Mild methacrylic acid  
Form : Pellets  
Color : White  
Specific Gravity : NA

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STABILITY AND REACTIVITY  
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## Chemical Stability

Stable at normal temperatures and storage conditions.

## Incompatibility with Other Materials

Incompatible or can react with oxidizing agents.

## Decomposition

Decomposes with heat.

Decomposition temperature: 325 C (617 F)

Hazardous gases or vapors can be released, including carbon monoxide, and, hydrocarbon oxidation products, including, organic acids, aldehydes, and, alcohols, sodium oxides.

## 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. 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

DOT  
Proper Shipping Name : Not regulated

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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

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, with the exceptions indicated.

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.

