



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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"APPEEL" LIDDING SEALANT RESIN ALL IN SYNONYM LIST LSR006
LSR006 Revised 20-NOV-2000

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"APPEEL" is a registered trademark of DuPont.

Tradenames and Synonyms

"APPEEL" XA539
"APPEEL" XA554-1
"APPEEL" 11D569
"APPEEL" 11D625
"APPEEL" 11D626

#

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

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
ETHYLENE COPOLYMER BLENDS		>70
PROCESSING ADDITIVES		<30

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.

HAZARDS IDENTIFICATION

Potential Health Effects

Before using DuPont "APPEEL" Resins, read the bulletin on the safe handling of these polymers.

ACUTE OR IMMEDIATE EFFECTS: ROUTES OF ENTRY AND SYMPTOMS

(HAZARDS IDENTIFICATION - Continued)

INGESTION No data are available. Ingestion is not a probable route of exposure. Based on its similarity with other polymers, LSR Resins are predicted to have low toxicity.

SKIN No data are available. However, based on experience with handling these polymers, no dermatitis problem is expected from routine handling. Molten polymer contacting the skin will cause thermal burns.

EYE Mechanical irritation only.

INHALATION Polymer is not respirable as marketed. At processing temperatures above 300 degrees C, fumes irritating to the eyes, nose, and throat may be produced. This exposure may result in reddening, tearing, and itching of the eyes and soreness in the nose and throat, together with coughing.

CHRONIC EFFECTS None are known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None are known.

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.

FIRST AID MEASURES

First Aid

INHALATION

If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician.

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

(FIRST AID MEASURES - Continued)

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

FIRE FIGHTING MEASURES

Flammable Properties

FLASH POINT: NA

Fire and Explosion Hazards:

UNUSUAL FIRE & EXPLOSION HAZARDS The solid polymer can be combusted only with difficulty. An electrostatic charge can potentially build up when pouring pellets. Grounding of equipment is recommended.

HAZARDOUS COMBUSTION PRODUCTS Complete combustion gives carbon dioxide and water. Incomplete combustion gives in addition carbon monoxide, organic acids, aldehydes and alcohols.

Extinguishing Media

Water, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Use self-contained breathing apparatus to avoid exposure to the products of combustion.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

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

Accidental Release Measures

Sweep up to avoid slipping hazard.

HANDLING AND STORAGE

Handling (Personnel)

See FIRST AID and PROTECTION INFORMATION SECTIONS

(HANDLING AND STORAGE - Continued)

Storage

Store in a cool, dry place. Keep containers closed to prevent contamination.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

VENTILATION Local ventilation is recommended over processing equipment.

Personal Protective Equipment

EYE Safety glasses are recommended as good industrial hygiene practice.

SKIN Protective gloves and long sleeve shirt are required when handling hot polymer.

RESPIRATOR Not required if local ventilation is adequate.

Exposure Guidelines

Exposure Limits

"APPEEL" LIDDING SEALANT RESIN ALL IN SYNONYM LIST LSR006
PEL (OSHA) : Particulates (Not Otherwise Regulated)
15 mg/m³, 8 Hr. TWA, total dust
5 mg/m³, 8 Hr. TWA, respirable dust

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Melting Point : NA
% Volatiles : NA
Solubility in Water : Negligible
Odor : Mild ester-like
Form : Pellets
Color : White
Specific Gravity : NA

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

(STABILITY AND REACTIVITY - Continued)

Polymerization

Polymerization will not occur.

Other Hazards

CONDITIONS TO AVOID Temperatures above 238 degrees C (460 degrees F).

HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes and alcohols.

ECOLOGICAL INFORMATION

Ecotoxicological Information

Aquatic Toxicity

No information. Toxicity is expected to be low based on the negligible water solubility of the polymer.

DISPOSAL CONSIDERATIONS

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.

TRANSPORTATION INFORMATION

Shipping Information

DOT
Proper Shipping Name : Not regulated

REGULATORY INFORMATION

U.S. Federal Regulations

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

(REGULATORY INFORMATION - Continued)

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.

OTHER INFORMATION

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.

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.

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