



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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"CONPOL" PROCESSING ADDITIVE RESIN ALL IN SYNONYM LIST CON001  
CON001 Revised 23-APR-2004  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Material Identification

"CONPOL" is a trademark of DuPont.

Tradenames and Synonyms

"CONPOL" 20S1  
"CONPOL" 20S2  
"CONPOL" 10S3  
"CONPOL" 4R  
"CONPOL" 4R11S1  
"CONPOL" 10AF  
"CONPOL" 10VE

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/METHACRYLIC ACID COPOLYMER	25053-53-6	>80
NON-REGULATED ADDITIVES		<20

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 "CONPOL" Processing Additive Resins, read the bulletin on the safe handling of these polymers.

No information is available for this ethylene/methacrylic acid copolymer with additives. Based on its similarity to other polymers, this resin is predicted to have low toxicity.

## INGESTION

Not a probable route of exposure. Toxicity is predicted to be low for all types, but feeding tests have not been conducted.

## SKIN

No data are available. However, based on experience with handling these polymers, no unusual 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 sold. At processing temperatures above 325 degrees C, fumes irritating to the eyes, nose and throat may be evolved. Exposure may result in redness, itching and tearing of the eyes and soreness in the nose and throat together with coughing.

## 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.

## (FIRST AID MEASURES - Continued)

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 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

Not a probable route. However, in case of accidental ingestion, call a physician.

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FIRE FIGHTING MEASURES  
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## Flammable Properties

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

## Extinguishing Media

Water, Foam, Dry Chemical, CO2.

## # Fire Fighting Instructions

Wear self-contained breathing apparatus (SCBA) and full protective equipment.

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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.

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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 closed to prevent 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.

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/or face shield when the possibility exists for eye and face contact due to splashing or spraying of 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 canister 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 for contact with hot/molten material, wear heat resistant impervious clothing and footwear.

## Exposure Guidelines

## Exposure Limits

"CONPOL" PROCESSING ADDITIVE RESIN ALL IN SYNONYM LIST CON001  
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 : 80-100 C (176-212 F)  
% 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, alcohols, and, zinc, or, sodium oxides, oxides of nitrogen.

## Polymerization

Polymerization will not occur.

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ECOLOGICAL INFORMATION  
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## # Ecotoxicological Information

## AQUATIC TOXICITY:

No information is available. Do not discharge to streams, ponds, lakes or sewers.

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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/IMO/IATA  
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

