

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Causes moderate eye irritation. Harmful if swallowed or inhaled. Avoid breathing dust and contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Applicators and other handlers must wear:

- Long-sleeve shirt and long pants.
- Chemical-resistant gloves (such as barrier laminate, nitrile, rubber, neoprene rubber and viton).
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN:**

Probable mucosal damage may contraindicate the use of gastric lavage.

**POLYPHASE® 685**

A Fungicide and Bactericide for use in Plastics, Wood Oriented Strand Board (OSB), Polymeric Coatings (Paint Joint Cements, Paper Coatings, Roof Coatings, Stucco Coatings

EPA Reg. No. 5383-119  
EPA Est. No. 5383-NJ-1

**ACTIVE INGREDIENT:**

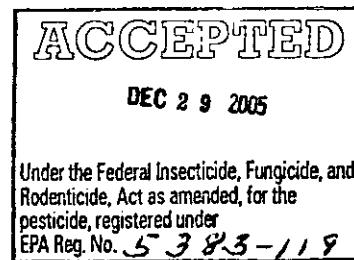
3-Iodo-2-propynyl butyl carbamate.....  
Ziram (Zinc Dimethyldithiocarbamate).....

**INERT INGREDIENTS.....**  
**TOTAL.....**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SOLD FOR INDUSTRIAL USE  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**



**IN CASE OF EMERGENCY CALL 1-800-424-9293**

**TROY CHEMICAL CORPORATION  
ONE AVENUE L  
NEWARK, N.J. 07105**

**Net Weight:**

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# POLYPHASE® 685

A Fungicide and Bactericide for use in Plastics, Wood Composites, Oriented Strand Board (OSB), Polymeric Coatings (Paints), Adhesives, Joint Cements, Paper Coatings, Roof Coatings, Stucco and EIFS Coatings

## ENVIRONMENTAL

This product is toxic to fish. Do not discharge effluent ponds, estuaries, oceans or other waters unless in accordance with the National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge into surface waters without previously notifying the local sewage treatment plant. Do not discharge into ground water. For more information, contact your State Water Board or Regional office of the U.S. Environmental Protection Agency.

ed Avoid breathing dust  
th soap and water after  
bacco.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with the label. The following are suggested use levels for Polyphase® 685 in various applications indicate the approximate levels for use in percentage by weight and refer to the product P0685 for the most cost effective use level for Polyphase® 685 in a given application.

, nitrile, rubber, neoprene

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PE. If no such  
Keep and wash PPE

### ACTIVE INGREDIENT:

3-Iodo-2-propynyl butyl carbamate.....7%

Ziram (Zinc Dimethyldithiocarbamate).....13%

INERT INGREDIENTS.....80%

TOTAL.....100.0%

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g tobacco or using the  
Then wash thoroughly and  
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**PLASTICS:** For control of mildew in plastics including PP, thermoplastic resins, LDPE foam, carpet backing, vinyl, linoleum and synthetic floor coverings, wall coverings and mats, mattress liners, covers or ticking, molding, fabrics for furniture cushions, boat covers, tents, tarpaulins, garbage bags, refuse containers, rubber or rubber backed synthetic non leather materials, foam stuffing and cushion garden hose, ductwork, air filtration components and a brush receptacles, non-medical scrub brushes, sink mats, soap dish holders, towel bars and components of upper bacterial growth, add 1.5% - 4.0% based on the total formula weight. In the case of LDPE or the additives side.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

SOLD FOR INDUSTRIAL USE

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**WOOD COMPOSITES and ORIENTED STRAND BOARD:** For broad spectrum protection against wood destroying fungi, formulated in wood/LDPE composite systems. The protection can vary from 350-400°F. Suggested use levels are based on the total formula weight. For **DRY FILM PRESERVATION OF INTERIOR POLYMER** both fungal and bacterial protection, add 0.3 - 2.0% based on the total formula weight. For **DRY FILM PRESERVATION OF EXTERIOR POLYMER** both mildew and surface bacterial growth add 1.5 - 4.0% based on the total formula weight. **ADHESIVES:** For fungal and bacterial control add 0.5 - 3.0% based on the total formula weight.

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 5383-119

**JOINT CEMENTS (GROUTS/PATCHING COMPOUNDS):** For fungal and bacterial control, add 0.5 - 3.0% based on the total formula weight. **PAPER COATINGS:** For fungal and bacterial control, add 0.5 - 3.0% based on the total formula weight.

all 911 or an ambulance,  
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**ROOF COATINGS:** For fungal and bacterial control, add 0.5 - 3.0% based on the total formula weight. **STUCCO AND EIFS COATINGS:** For fungal and bacterial control, add 0.5 - 3.0% based on the total formula weight.

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## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Storage between 32°F (0°C) and 90°F (32°C). **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Do not dispose of by use according to label instructions, contact your State or local health department or the hazardous waste representative at the nearest EPA approved facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then recycle or puncture and dispose of in a sanitary landfill, or incinerate if allowed, or by burning. If burned, stay out of smoke.

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# POLYPHASE® 685

Fungicide for use in Plastics, Wood Composites, (OSB), Polymeric Coatings (Paints), Adhesives, Paper Coatings, Roof Coatings, Stucco and EIFS Coatings

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. The following are suggested use levels for Polyphase®685. Typical use levels are given for the various applications indicate the approximate levels for the particular application. All suggestions are in percentage by weight and refer to the product Polyphase®685. In order to determine the most cost effective use level for Polyphase®685 in a given use, field trials are suggested.

EPA Reg. No. 5383-119  
EPA Est. No. 5383-NJ-1

NT:

myl butyl carbamate.....	7%
dimethylthiocarbamate).....	13%
TS.....	80%
TOTAL.....	100.0%

**PLASTICS:** For control of mildew in plastics including PVC plastisols, PVC film gaskets, PE, PP, thermoplastic resins, LDPE foam, carpet backing, carpet fibers, wire and cable insulation, vinyl, linoleum and synthetic floor coverings, wall coverings, plastic furniture, athletic flooring and mats, mattress liners, covers or ticking, molding, mats, gaskets, weather stripping, coated fabrics for furniture cushions, boat covers, tents, tarpaulins, awnings, non-surgical rubber gloves, garbage bags, refuse containers, rubber or rubber backed bath mats, foam underlay for carpets, synthetic non leather materials, foam stuffing and cushions and mattresses, bathtub appliques, garden hose, ductwork, air filtration components and air curtains, sponge or fiber mops, toilet brush receptacles, non-medical scrub brushes, sink mats and drain boards, storage containers, soap dish holders, towel bars and components of uppers in footwear. To control both fungal and bacterial growth, add 1.5% - 4.0% based on the total formula weight. Polyphase®685 should be added in the plasticizer part of the formulation and extended periods of exposure to temperatures of 340-400°F should be avoided. In the case of LDPE foam, it could be added to either the resin or the additives side.

OUT OF REACH OF CHILDREN

## CAUTION

NOT FOR INDUSTRIAL USE  
SEE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**WOOD COMPOSITES and ORIENTED STRAND BOARD (OSB):** Polyphase®685 offers broad spectrum protection against wood destroying fungi, surface molds and blue stain when formulated in wood/LDPE composite systems. The processing temperature for this application can vary from 350-400°F. Suggested use levels are between 1.5 - 3.0%.

**DRY FILM PRESERVATION OF INTERIOR POLYMERIC COATINGS (PAINTS):** For both fungal and bacterial protection, add 0.3 - 2.0% based on the total formula weight.

**DRY FILM PRESERVATION OF EXTERIOR POLYMERIC COATINGS (PAINTS):** For both mildew and surface bacterial growth add 1.5 - 4.0% based on the total formula weight.

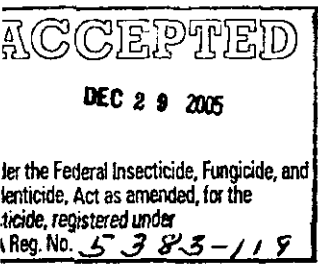
**ADHESIVES:** For fungal and bacterial control add 0.5 to 3.0% based on the total formula weight.

**JOINT CEMENTS (GROUTS/PATCHING COMPOUNDS):** For fungal and bacterial control, add 0.5 - 3.0% based on the total formula weight.

**PAPER COATINGS:** For fungal and bacterial control, add 0.2 - 2.5% based on the total formula weight.

**ROOF COATINGS:** For fungal and bacterial control, add 0.75 - 4.0% based on the total formula weight.

**STUCCO AND EIFS COATINGS:** For fungal and bacterial control, add 0.5 - 2.5% based on the total formula weight.



## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.  
**PESTICIDE STORAGE:** Storage between 32°F (0°C) and 90°F (32°C) is recommended.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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