

**C-POX™ PLASTIC PRIMER 301**  
**MATERIAL SAFETY DATA SHEET**

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MSDS Date: December 3, 2003

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**SECTION 1 – PRODUCT IDENTIFICATION**

Product Name: **C-pox™ Plastic Primer 301**                      Item Number **CP301**  
Product Type: Primer

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**SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS**

\* The precise composition of this product is proprietary information. A more detailed disclosure will be provided by Gowest2 International to qualified Medical or Industrial Hygiene personnel as privileged information upon request in case of need for specific treatment.

<u>INGREDIENTS</u>	<u>CAS No.</u>	<u>Percentage</u>
n-BUTOXY PROPANOL	5131-66-8	50-55
WATER	7732-18-5	25-30
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	20-25
TRIDODECYLAMINE	102-87-4	0.1-1

**INGREDIENTS WHICH HAVE EXPOSURE LIMITS:**

<u>EXPOSURE LIMITS (TWA)</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>OTHER</u>
<u>INGREDIENTS</u>	<u>(TLV)</u>	<u>(PEL)</u>	
PROPYLENE GLYCOL MONOMETHYL ETHER	100 ppm TWA	100 ppm TWA	None
EXPOSURE LIMITS (STEL)	None	None	None

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**SECTION 3 – HAZARDOUS IDENTIFICATION**

TOXICITY: Moderately toxic. Skin and eye irritant. Vapor is irritating. Inhalation may result in symptoms of bronchitis. Inhalation of high concentrations may cause central nervous system depression. Repeated overexposure may cause an increase in liver size.

PRIMARY ROUTES OF ENTRY: None known

SIGNS AND SYMPTOMS OF EXPOSURE: Headache, nausea, vomiting, diarrhea, dizziness, drowsiness, incoordination, irritation, unconsciousness, red and itchy eyes.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: Propylene based glycol ether: Dermatitis, asthma, inflammatory or fibrotic pulmonary disease.

<u>INGREDIENTS:</u>	<u>LITERATURE REFERENCED</u> <u>TARGET ORGAN AND OTHER HEALTH EFFECTS</u>	<u>CARCINOGEN</u>		
		<u>NTP</u>	<u>IACR</u>	<u>OSHA</u>
n-BUTOXY PROPANOL	IRR	NO	NO	NO
WATER	NTO	NO	NO	NO
PROPYLENE GLYCOL MONOMETHYL ETHER	CNS, IRR	NO	NO	NO
TRIDODECYLAMINE	NTO	NO	NO	NO

ABBREVIATIONS: CNS = Central Nervous System                      IRR = Irritant                      NTO = No Target Organs

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**SECTION 4 – FIRST AID MEASURES**

INGESTION: Induce VOMITING. Keep Individual calm. Obtain medical attention.

INHALATION: Remove to fresh air. If symptoms persist, obtain medical attention.

SKIN CONTACT: Wash with soap and water.

EYE CONTACT: Flush at least 15 minutes with water. Obtain medical attention.

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**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT: 149°F METHOD: Tag Closed Cup  
RECOMMENDED EXTINGUISHING AGENTS: Carbon dioxide, foam, dry chemical.  
SPECIAL FIREFIGHTING PROCEDURES: Not Available.  
HAZARDOUS PRODUCTS FORMED BY  
FIRE OR THERMAL DECOMPOSITION: Irritating organic vapors.  
UNUSUAL FIRE OF EXPLOSION HAZARDS: Vapors form from this product and may travel or be moved by air currents and ignited by pilot lights, of flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point.

**EXPLOSIVE LIMITS:**

(% by volume in air) Lower Propylene glycol monomethyl ether: 1.6%  
Propylene based glycol ether: 1.1%  
(% by volume in air) Upper Propylene glycol monomethyl ether: 13.8%  
Propylene based glycol ether: 14.4%

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Remove sources of ignition. Maintain adequate ventilation. Take up in an inert absorbent. Store in a closed container until disposal.

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**SECTION 7 – STORAGE AND HANDLING PROCEDURES**

SAFE STORAGE: Keep away from heat, flames, or sparks. Keep containers closed.  
HANDLING: Avoid skin and eye contact. Avoid breathing vapors. Wash thoroughly after handling. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature or pressure, or sudden ingress of air into vacuum equipment, may result in ignition without the presence of obvious ignition sources. Published "auto ignition" or "ignition" temperature values cannot be treated as safe operating temperature in chemical processes without the analysis of the actual process conditions. Any use of this product in elevated-temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Vapors of this product made by static sparks. Use proper bonding and grounding during liquid transfer as described in the National Fire Protection Association Document NFPA 77.

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**SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION**

EYES: Safety glasses or goggles.  
SKIN: Rubber or plastic gloves.  
VENTILATION: Mechanical ventilation.  
RESPIRATORY: Not Available

**SEE SECTION 2 FOR EXPOSURE LIMITS**

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Clear Liquid  
ODOR: Ethereal  
BOILING POINT: Not Available  
pH: Does not apply  
SOLUBILITY IN WATER: Not Available  
SPECIFIC GRAVITY: 0.9343  
VOLATILE ORGANIC COMPOUND (EPA Method 24): 73.64%; 688 grams/liter  
VAPOR PRESSURE: Unknown  
VAPOR DENSITY: Not Available  
EVAPORATION RATE (Ether=1): Not Available

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**SECTION 10 – STABILITY AND REACTIVITY**

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: Not Available  
HAZARDOUS DECOMPOSITION PRODUCTS (non-thermal): None

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

SEE SECTION 3.

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**SECTION 12 – ECOLOGICAL INFORMATION**

No data Available

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**SECTION 13 - DISPOSAL**

RECOMMENDED METHODS OF DISPOSAL: Incinerate following EPA and local regulations  
EPA HAZARDOUS WASTE NUMBER: NH - Not a RCRA Hazardous Waste Material

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**SECTION 14 – TRANSPORTATION INFORMATION**

DOT (49 CFR 172):

<u>DOMESTIC GROUND TRANSPORT</u>	<u>NOT MORE THAN 450 LITERS</u>	<u>MORE THAN 450 LITERS</u>	<u>IATA</u>
Proper Shipping Name:	Unrestricted	Combustible liquids, n.o.s. (1-Butoxy-2-propanol)	Unrestricted
Hazard class or division:	Unrestricted	Combustible liquid	Unrestricted
Identification Number:	None	NA 1993	None
MARINE POLLUTANT: NO			

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**SECTION 15 – REGULATORY INFORMATION**

CA Proposition 65: Not Available

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**SECTION 16 – OTHER INFORMATION**

	<u>Estimated NFPA Code</u>	<u>Estimated HMIS Code</u>
HEALTH HAZARD:	2	2
FIRE HAZARD:	2	2
REACTIVITY HAZARD:	0	0
SPECIFIC HAZARD:	Does not apply	

PERSONAL PROTECTION: See Section 8

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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**SECTION 17 – PREPARED INFORMATION**

DATE: December 3, 2003

PREPARED BY: Gowest2 International