

MATERIAL SAFETY DATA SHEET

COLORPRO A

ALTERNATIVE TO OSHA-20 FORM

Manufactured by:  
**SPECIALTY RESIN & CHEMICAL**  
**58151 PARK PLACE**  
**DOWAGIAC, MI 49047**  
**(269) 462 9256**

**EMERGENCY INFORMATION**  
**DAY: (269) 462 9256**  
**NIGHT: (269) 487-0079**  
**Poison Hotline: 1-800-222-1222**

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**SECTION I - PRODUCT IDENTIFICATION**

TRADE NAME AND SYNONYMS: COLORPRO [PART A]  
CHEMICAL FAMILY: POLYMETHYLENE POLYPHENYL ISOCYANATE SOLUTION  
FORMULA: PROPRIETARY COMPLEX MIXTURE \* TRADE SECRET

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**SECTION II - INGREDIENTS**

[NOTE: SEE FINAL PAGE FOR DEFINITIONS OF ABBREVIATIONS AND SYMBOLS.]  
THIS MATERIAL DATA SHEET IS PREPARED TO COMPLY WITH UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) AND THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS). UNLISTED INGREDIENTS ARE BELOW SPECIFIED REPORTING LEVELS AND/OR ARE NOT HAZARDOUS PER THE OSHA STANDARD AND/OR ARE NOT FOUND ON THE WHMIS INGREDIENT DISCLOSURE LIST.

METHYLENE BISPHENYL ISOCYANATE (MDI) CAS# 101-68-8 30-40% TLV UNITS .02 PPM (VAPOR PRESSURE <.0001 mmHg @ 25 DEGREES C.)

SKIN ABSORPTION MAY CONTRIBUTE TO THE OVERALL EXPOSURE TO THIS MATERIAL. APPROPRIATE MEASURES SHOULD BE TAKEN TO PREVENT ABSORPTION SO THAT THE TLV WILL NOT BE INVALIDATED.

PROPRIETARY MIXTURE \* TRADE SECRET

C.A.S. NOS. AVAILABLE ON ALL APPLICABLE INGREDIENTS ON AN EMERGENCY BASIS.  
**THE MIXTURE CONTAINS NO KNOWN CARCINOGENS.**

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**SECTION III - PHYSICAL DATA**

BOILING POINT: >500 DEGREES F.  
VAPOR PRESSURE: <.001 mmHg @ 25 DEGREES C.  
VAPOR DENSITY: (AIR=1) APPROXIMATELY 9.0  
SPECIFIC GRAVITY: (WATER =1) 1.1  
SOLUBILITY IN WATER: REACTS WITH WATER  
PERCENT VOLATILE BY VOLUME: NIL  
EVAPORATION RATE: (BUTYL ACETATE = 1) NIL  
APPEARANCE AND ODOR: CLEAR DARK TAN LIQUID, SLIGHT ODOR

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: >230 DEGREES F COC.  
FLAMMABLE LIMITS: N.E.  
EXTINGUISHING MEDIA: USE TYPE ABC EXTINGUISHER  
SPECIAL FIRE-FIGHTING PROCEDURE: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN ADDITION TO NORMAL PROTECTIVE TURNOUT CLOTHING.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID WATER CONTAMINATION IN CLOSED CONTAINERS OR CONFINED AREAS. (CARBON DIOXIDE EVOLVED - EXOTHERMIC, DANGEROUS PRESSURE CAN DEVELOP.)

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: .02 PPM ON MDI, MIXTURE N.E.

EFFECTS OF ACUTE EXPOSURE:

EYES - MAY CAUSE TEARING

SKIN - MINOR IRRITATION MAY OCCUR

INHALATION - BREATHLESSNESS, SEVERE COUGHING, CHEST DISCOMFORT

INGESTION - ORAL LD50 FOR RATS IS >15000 MG/KG ON MDI.

EFFECTS OF CHRONIC EXPOSURE: NONE KNOWN

NOTE: SMALL % OF POPULATION MAY DEVELOP ALLERGIC SENSITIVITY LEADING TO ASTHMA-LIKE SYMPTOMS ON SUBSEQUENT EXPOSURES BELOW THE TLV OF MDI.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES; CONTACT PHYSICIAN  
SKIN - WASH WITH SOAP AND WATER.**

**INGESTION: DO NOT INDUCE VOMITING. FLUSH MOUTH WITH WATER.**

**GIVE ONE GLASS OF WATER TO DRINK, CONTACT PHYSICIAN IMMEDIATELY.**

**IF ANY IRRITATION OR OTHER SYMPTOMS PERSIST, SEE A PHYSICIAN.**

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**SECTION VI - CHEMICAL REACTIVITY**

STABILITY: STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID: AVOID TEMPERATURES ABOVE 120 DEGREES F.

INCOMPATIBILITY (MATERIALS TO AVOID) : WATER, BASES AND ACIDS, ALCOHOLS.

HAZARDOUS DECOMPOSITION PRODUCTS: @ 500 DEGREES F. - CARBON MONOXIDE, NITROGEN OXIDES, TRACES OF HYDROGEN CYANIDE.

HAZARDOUS POLYMERIZATION: MAY OCCUR

CONDITIONS TO AVOID: CONTAMINATION BY MOISTURE, CONTAMINATED CONTAINERS SHOULD BE LEFT VENTED

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**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN: ABSORB ON ABSORBENT MATERIAL.

WASTE DISPOSAL: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT DISCHARGE INTO PUBLIC WATERWAYS OR SEWERS.

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**SECTION VIII - SPECIAL PROTECTION AND PROCEDURES**

RESPIRATORY PROTECTION: USE NIOSH APPROVED EQUIPMENT IF AIRBORNE EXPOSURE IS EXCESSIVE.

VENTILATION: FACE VELOCITY - 60 FPM; USE ONLY WITH ADEQUATE VENTILATION.

PROTECTIVE EQUIPMENT: CHEMICAL RESISTANT PROTECTIVE GLOVES; FOR EYE AND FACE PROTECTION A FACE SHIELD IS RECOMMENDED. A CHEMICAL RESISTANT APRON AND OTHER PROTECTIVE GEAR MAY BE USED AS NEEDED TO REDUCE CHANCES OF CONTACT.

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**SECTION IX - SPECIAL PRECAUTIONS**

HANDLING AND STORAGE; USE GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES EMPLOYED WITH ANY INDUSTRIAL CHEMICAL.

WORKPLACE: PRACTICE GOOD HOUSEKEEPING. CLEAN UP SPILLS PROMPTLY.

PERSONAL HYGIENE: WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, AFTER EACH SHIFT, OR AFTER ANY POSSIBLE CONTACT WITH PRODUCT. LAUNDRY WORK CLOTHES FREQUENTLY.

NPCA HMIS RATING: HEALTH 2; FLAMMABILITY 1; REACTIVITY 1; PERSONAL PROTECTION F

**SECTION X - TRANSPORTATION INFORMATION**

DOT PROPER SHIPPING NAME: DIPHENYLMETHANE - 4,4'- DIISOCANATE  
DOT HAZARD CLASS: NON-REGULATED  
IMO / IMDG HAZARD CLASS: NON-REGULATED  
ICAO / IATA HAZARD CLASS: NON-REGULATED

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**SECTION XI - REGULATORY INFORMATION**

TOXIC SUBSTANCES CONTROL ACT (TSCA): ALL APPLICABLE INGREDIENTS ARE ON THE TSCA CHEMICAL SUBSTANCE INVENTORY

CERCLA AND SARA REGULATIONS (40 CFR 355, 370, & 372): SECTION 313 SUPPLIER NOTIFICATION. THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND OF 40 CFR 372:

30-40% MDI LISTED AS METHYLENE BIS(PHENYLISOCYANATE) MBI CAS NO. 101-68-8

SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED UNDER APPLICABLE CONDITIONS, TO MEET THE FOLLOWING CATEGORIES:

AN IMMEDIATE HEALTH HAZARD, A DELAYED HEALTH HAZARD, A REACTIVE HAZARD

WHMIS INFORMATION: THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASSIFICATION FOR THIS PRODUCT IS D1A, D2A, D2B

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**SYMBOLS AND ABBREVIATIONS**

N.A.: NOT APPLICABLE

N.E.: NOT ESTABLISHED

>: GREATER THAN

<: LESS THAN

C.A.S. NO.: CHEMICAL ABSTRACT SERVICE NUMBER

TLV: THRESHOLD LIMIT VALUE (UNITS)

PPM: PARTS PER MILLION

mmHg: MILLIMETERS OF MERCURY

FPM: FEET PER MINUTE

NIOSH: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

NPCA: NATIONAL PAINT & COATINGS ASSOCIATION

HMIS: HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

COC: CLEVELAND OPEN CUP

REVISION DATE: 4/18/12

REVIEWED BY: J. L. WILSON

MATERIAL SAFETY DATA SHEET

COLORPRO B

ALTERNATIVE TO OSHA-20 FORM

Manufactured by:

EMERGENCY INFORMATION

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**DOWAGIAC, MI 49047**  
**(269) 462 9256**

**DAY: (269) 462 9256**  
**NIGHT: (269) 605 4445**

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**SECTION I - PRODUCT IDENTIFICATION**

TRADE NAME AND SYNONYMS: COLORPRO [PART B]  
CHEMICAL FAMILY: POLYETHER POLYOL SOLUTION  
FORMULA: PROPRIETARY COMPLEX MIXTURE \* TRADE SECRET

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**SECTION II - INGREDIENTS**

[NOTE:] SEE FINAL PAGE OF MSDS FOR DEFINITIONS OF ABBREVIATIONS ANDSYMBOLS.]  
THIS MATERIAL DATA SHEET IS PREPARED TO COMPLY WITH UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) AND THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS). UNLISTED INGREDIENTS ARE BELOW SPECIFIED REPORTING LEVELS AND/OR ARE NOT HAZARDOUS PER THE OSHA STANDARD AND/OR ARE NOT FOUND ON THE WHMIS INGREDIENT DISCLOSURE LIST.

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**SECTION III - PHYSICAL DATA**

BOILING POINT: >500 DEGREES F.  
VAPOR PRESSURE: <.001 mmHg @ 25 DEGREES C.  
VAPOR DENSITY: (AIR=1) 9.5  
SPECIFIC GRAVITY: (WATER =1) 1.0  
SOLUBILITY IN WATER: 30-50%  
PERCENT VOLATILE BY VOLUME: NIL  
EVAPORATION RATE: <BUTYL ACETATE = 1 > NIL  
APPEARANCE AND ODOR: TRANSLUCENT LIQUID, SLIGHT ODOR

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: >230 DEGREES F. COC  
FLAMMABLE LIMITS: N.E.  
EXTINGUISHING MEDIA: USE TYPE ABC EXTINGUISHER  
SPECIAL FIRE-FIGHTING PROCEDURE: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN ADDITION TO NORMAL PROTECTIVE TURNOUT CLOTHING.

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: N.E.  
EFFECTS OF ACUTE EXPOSURE:  
EYES - MAY CAUSE TEARING  
SKIN - MINOR IRRITATION MAY OCCUR  
INGESTION - N.E.  
INHALATION - N.E.  
EFFECTS OF CHRONIC EXPOSURE: NONE KNOWN

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES; CONTACT PHYSICIAN.**  
**SKIN: WASH WITH SOAP AND WATER.**  
**INGESTION: INDUCE VOMITING, CONTACT PHYSICIAN IMMEDIATELY.**  
**INHALATION: REMOVE FROM CONTAMINATED AREA; ADMINISTER OXYGEN.**  
**IF ANY IRRITATION OR OTHER SYMPTOMS PERSIST, SEE A PHYSICIAN.**

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**SECTION VI - CHEMICAL REACTIVITY**

STABILITY: STABLE UNDER NORMAL CONDITIONS  
CONDITIONS TO AVOID: AVOID TEMPERATURES ABOVE 120 DEGREES F.  
INCOMPATIBILITY (MATERIALS TO AVOID): N.E.  
HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, FUMES, CARBON MONOXIDE  
HAZARDOUS POLYMERIZATION: NONE KNOWN

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**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN: ABSORB ON ABSORBENT MATERIAL.  
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HANDLING AND STORAGE: USE GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES EMPLOYED WITH ANY INDUSTRIAL CHEMICAL.  
WORKPLACE: PRACTICE GOOD HOUSEKEEPING, CLEAN UP SPILLS PROMPTLY.  
PERSONAL HYGIENE: GOOD PERSONAL HYGIENE IS MOST IMPORTANT. WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, AFTER EACH SHIFT, OR AFTER ANY POSSIBLE CONTACT WITH PRODUCT. LAUNDRY WORK CLOTHES FREQUENTLY.  
NPCA HMIS RATING: HEALTH 2; FLAMMABILITY 1; REACTIVITY 1; PERSONAL PROTECTION F.

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**SECTION X - TRANSPORTATION INFORMATION**

DOT HAZARD CLASS: NON-REGULATED  
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WHMIS INFORMATION: THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASSIFICATION FOR THIS PRODUCT IS UNDETERMINED.

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