

**Welcome to  
Hastings Plastics  
Material Safety Data Sheets  
HACOL Liquid & Paste Colors for Resins**

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# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS HACOL 16-3A-4  
\*REVISED 08/10/00  
REPLACES 2/14/91

## HACOL 16-3A-4 MEDIUM BLUE

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFORMATION & SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - 24 HOURS (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3a-4 Medium Blue Opaque Paste  
HMIS HAZARD RATINGS: - Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
1)PIGMENT BLUE 15 (COPPER COMPOUND)	147-14-8	N/D	1.0 Mg	M3 Air
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER)	MIXTURE	15 - 25		N / D
1)DIBUTYL PHTALATE	84-74-2	2-3	5MG/M3	5MG/M3

### NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Medium Blue Paste  
BOILING POINT - N/D  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 1.56  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT (PMCC) - Non-Volatile  
AUTO IGNITION TEMPERATURE - N/D  
FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D

**BASIC FIREFIGHTING PROCEDURES:**

Use extinguishing agent suitable for type of surrounding fire. Material itself burns with difficulty.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Fire may produce poisonous or irritating gas, fumes or vapor. Excessive heat may trigger polymerization of confine material. Containers may explode in heat or fire. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

**SECTION V - HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE****INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

**SKIN EFFECTS:**

**SLIGHTLY TO MODERATELY IRRITATING.** Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

**EYE:**

**SLIGHTLY TO MODERATELY IRRITATING.** May cause slight transient irritation. Contact with heated material may cause thermal burns.

**SECTION VI - EMERGENCY & FIRST AID PROCEDURES****INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

**SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

**EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

**SECTION VII - PERSONAL PROTECTION INFORMATION****EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

**SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

**RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations. NIOSH/MSHA approved breathing equipment may be required for non-routine and emergency use.

**SECTION VIII - REACTIVITY DATA****STABILITY/INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

**HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization.

**SECTION IX - ENVIRONMENTAL INFORMATION****SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

**WASTE DISPOSAL:** Dispose of residual product in accordance with applicable local, County, State and Federal regulations.

**SECTION X - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

**OTHER PRECAUTIONS:** N/A

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS	- N/A
D.O.T. PROPER SHIPPING NAME	- N/A
D.O.T. LABELS REQUIRED	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

**DISCLAIMER OF LIABILITY**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim liability for any use of this material. Information contained herein is believed to be true and accurate but all statements are made without warranty, express or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use and the suitability of the material for the user's purpose.

Prepared By: Joe Morales

F#170-21A

N/D - No Data Available

N/A - Not Applicable

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS HACOL 16-3A-1  
REVISED 08/10/00  
REPLACES 2/14/91

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## HACOL 16-3A-1 WHITE

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFO/SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3A-1 White Opaque Paste  
HMIS HAZARD RATINGS: Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
SILICA, AMORPHOUS, FUMED, CRYST-FREE	112945-52-5	3 - 4	NE	NE
ZINC OXIDE	1314-13-2	4 - 5	NE	NE
LIMESTONE	1317-65-3	10 - 11	5mg/m3	10mg/m3
TITANIUM OXIDE	13463-67-7	45 - 50	5mg/m3	10mg/m3
UNSATURATED POLYESTER VISCOUS				
ALKYD (PRE-POLYMER)	Mixture	26 - 30		N/D
1)DIBUTYL PHTALATE	84-74-2	2 - 3	5mg/m	5mg/m3

#### NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - White Paste  
BOILING POINT - 400°F  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 2.00 - 2.09 @ 77°F (25°C)  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

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

FLASH POINT - Non-Volatile

AUTO IGNITION TEMPERATURE - N/D

FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D

BASIC FIREFIGHTING PROCEDURES: Use extinguishing agent suitable for type of surrounding fire. Material itself burns with difficulty.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Fire may produce poisonous or irritating gas, fumes or vapor. Excessive heat may trigger polymerization of confined material. Containers may explode in heat or fire. Exposed firefighters should wear OSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

**SECTION V - HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE****INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

**SKIN EFFECTS:**

SLIGHTLY TO MODERATELY IRRITATING. Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

**EYE:**

SLIGHTLY TO MODERATELY IRRITATING. May cause slight transient irritation. Contact with heated material may cause thermal burns.

**INHALATION:**

May cause respiratory tract irritation.

**SECTION VI - EMERGENCY & FIRST AID PROCEDURES****INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

**SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

**EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected

person warm and at rest. Get immediate medical attention.

## **SECTION VII - PERSONAL PROTECTION INFORMATION**

### **EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

### **SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

### **RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations. NIOSH/OSHA approved breathing equipment may be required for non-routine and emergency use.

## **SECTION VIII - REACTIVITY DATA**

### **STABILITY / INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

### **HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization

## **SECTION IX - ENVIRONMENTAL INFORMATION**

### **SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

### **WASTE DISPOSAL:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

## **SECTION X - SPECIAL PRECAUTIONS**

### **PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Wash hands thoroughly after handling, before eating, smoking and applying cosmetics.

OTHER PRECAUTIONS: N/A

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS (49CFR 172.101)	- N/A
D.O.T. PROPER SHIPPING NAME (49CFR 172.101)	- N/A
D.O.T. LABELS REQUIRED (49CFR 172.101)	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

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Prepared By : Joe Morales

F#170-21A

N / D - No Data Available

N / A - Not Applicable

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS HACOL 16-3A-10A  
\*REVISED 12/17/98  
REPLACES 8/23/93

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## HACOL 16-3A-10A PEARLESCENT

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - THE MEARL CORPORATION  
PRODUCT INFO/SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - (800) 424-9300  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3A-10A Pearlescent Opaque Paste Color  
HMIS HAZARD RATINGS: Health - 0 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA TWA</u>	<u>ACGIH TLV</u>	<u>OTHERS</u>
RESINS	mg/m3 N/A	mg/m3 1.50	N/A	N/A	N/A

N/A = NOT AVAILABLE

### SECTION III - PHYSICAL DATA

BOILING POINT - 100°C  
EVAPORATION RATE - Slower than ether.  
WEIGHT PER GALLON - 16.50 lbs/gal  
VAPOR DENSITY - N/A  
PERCENT VOLATILE BY WT. - 37.0

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT - N/A °F METHOD: Not Applicable LEL. N/A UEL. N/A  
EXTINGUISHING MEDIA - Not applicable  
SPECIAL FIRE FIGHTING PROCEDURES: N/A  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Red heat may emit toxic chlorine fumes.

### SECTION V - HEALTH HAZARD INFORMATION

ACUTE - N/A  
CHRONIC - NONE KNOWN  
SIGNS/SYMPTOMS OF EXPOSURE - NONE KNOWN

### SECTION VI - EMERGENCY & FIRST AID PROCEDURES

Flush eyes with water for 15 min. If irritation persists, seek medical aid. If product gets on skin, remove with soap and water.

ROUTES OF ENTRY: Eyes, inhalation, ingestion and skin contact.

**SECTION VII - PERSONAL PROTECTION INFORMATION**

EYE PROTECTION: Splash protection.

VENTILATION: Provide general dilution or local exhaust ventilation.

SKIN PROTECTION: Protective gloves as for industrial use

RESPIRATORY PROTECTION: Not applicable

**SECTION VIII - REACTIVITY DATA**

STABILITY/INCOMPATIBILITY: Stable

CONDITIONS TO AVOID: None Known

INCOMPATIBILITY: None reasonably foreseeable

HAZARDOUS DECOMPOSITION: Carbon monoxide, carbon dioxide. Toxic chlorine fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION IX - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN:

- 1) Keep from freezing
- 2) Do not take internally, avoid prolonged contact with skin.

**SECTION X - SPILL / LEAK PROCEDURES**

STEPS TO BE TAKEN:

- 1) General cleaning

WASTE DISPOSAL:

- 1) Follow Local, State and Federal regulations.

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Prepared By: Joe Morales

F#170-21A

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS 16-3A-11  
\*REVISED 08/11/00  
REPLACED 2/22/91

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## HACOL 16-3A-11 ORANGE

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFORMATION AND SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3A-11 Orange Opaque Paste Color  
HMIS HAZARD RATINGS: Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV (units)</u>
1)CHROMIUM	7440473	3 - 4	N/D	
1)LEAD	7439921	14 - 16	N/D	
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER) Mixture		26 - 30	N/D	
1)DIBUTYL PHTALATE	84-74-2	2 - 3	5MG/M3	5MG/M3

#### NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Orange Paste  
BOILING POINT - 400°F  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 1.066 - 1.090 @ 77°F (25°C)  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT - Non-Volatile  
AUTO IGNITION TEMPERATURE - N/D  
FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D  
BASIC FIREFIGHTING PROCEDURES: Use extinguishing agent suitable for type of surrounding fire.  
Material itself burns with difficulty.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire may produce poisonous or irritating gas, fumes or vapor. Excessive heat may trigger polymerization of confined material. Containers may explode in heat or fire. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

## **SECTION V - HEALTH HAZARD INFORMATION**

### **EFFECTS OF OVEREXPOSURE**

#### **INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

#### **SKIN EFFECTS:**

SLIGHTLY TO MODERATELY IRRITATING. Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

#### **EYE:**

SLIGHTLY TO MODERATELY IRRITATING. May cause slight transient irritation. Contact with heated material may cause thermal burns.

#### **INHALATION:**

May cause respiratory tract irritation.

#### **SPECIAL TOXIC EFFECTS:**

Non-silica encapsulated lead chromate is currently listed as a suspect carcinogen, therefore this information is included, even though recent toxicity data indicates lead chromate pigments:

\*Are non-carcinogenic, or at least show extremely low carcinogenic potential based on studies from lung implantation experiments on rats.

\*Do not show an increase in lung cancer rate from epidemiological studies in factories which produce only lead chromate pigments.

### **CALIFORNIA PROPOSITION 65 STATEMENT**

**WARNING:** This product contains a chemical known to the State of California to cause cancer. Product contains Hexavalent Chromium.

**WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Product contains Lead

## **SECTION VI - EMERGENCY & FIRST AID PROCEDURES**

#### **INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

**SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

**EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

**SECTION VII - PERSONAL PROTECTION INFORMATION****EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

**SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

**RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations. NIOSH/MSHA approved breathing equipment may be required for non-routine and emergency use.

**SECTION VIII - REACTIVITY DATA****STABILITY/INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

**HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization

**SECTION IX - ENVIRONMENTAL INFORMATION****SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

**WASTE DISPOSAL:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

**SECTION X - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Wash hands thoroughly after handling, before eating, smoking and applying cosmetics.

OTHER PRECAUTIONS: N/A

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS (49CFR 172.101)	- N/A
D.O.T. PROPER SHIPPING NAME (49CFR 172.101)	- N/A
D.O.T. LABELS REQUIRED (49CFR 172.101)	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

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Prepared By: Joe Morales

F#170-21A

N/D - No Data Available

N/A - Not Applicable

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS 16-3A-2  
\*REVISED 03/25/09  
REPLACES 08/10/00

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## HACOL 16-3A-2 BLACK

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFORMATION AND SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3A-2 Black Opaque Paste  
HMIS HAZARD RATINGS: Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
1)IRON OXIDE	1317-61-9	25 - 35	10MG/M3	10MG/M3
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER)	Mixture	26 - 30		N/D
1)DIBUTYL PHTALATE	84-74-2	2 - 3	5MG/M3	5MG/M3

NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Black Paste  
BOILING POINT - N/D  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 2.09  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT - Non-Volatile  
AUTOIGNITION TEMPERATURE - N/D  
FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D

BASIC FIREFIGHTING PROCEDURES: Use extinguishing agent suitable for type of surrounding fire.  
Material itself burns with difficulty

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Fire may produce poisonous or irritating gas, fumes or vapor. Excessive heat may trigger polymerization of confined material. Containers may explode in heat or fire. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

**SECTION V - HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE****INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

**SKIN EFFECTS:**

SLIGHTLY TO MODERATELY IRRITATING. Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

**EYE:**

SLIGHTLY TO MODERATELY IRRITATING. May cause slight transient irritation. Contact with heated material may cause thermal burns.

**INHALATION:**

May cause respiratory tract irritation.

**SECTION VI - EMERGENCY & FIRST AID PROCEDURES****INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

**SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

**EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

**SECTION VII - PERSONAL PROTECTION INFORMATION****EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

**SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

**RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations.

NIOSH/MSHA approved breathing equipment may be required for non-routine and emergency use.

**SECTION VIII - REACTIVITY DATA****STABILITY/INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

**HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization

**SECTION IX - ENVIRONMENTAL INFORMATION****SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

**WASTE DISPOSAL:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

**SECTION X - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Wash hands thoroughly after handling, before eating, smoking and applying cosmetics.

OTHER PRECAUTIONS: N/A

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS (49CFR 172.101)	- N/A
D.O.T. PROPER SHIPPING NAME (49CFR 172.101)	- N/A
D.O.T. LABELS REQUIRED (49CFR 172.101)	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

**DISCLAIMER OF LIABILITY**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim liability for any use of this material. Information contained herein is believed to be true and accurate but all statements are made without warranty, express or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use and the suitability of the

No Changes at this time

Prepared By: Joe Morales

F#170-21A

N / D - No Data Available

N / A - Not Applicable

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS HACOL 16-3A-3  
REVISED 08/10/00  
REPLACES 02/06/91

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## HACOL 16-3A-3 YELLOW

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFO/SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - 24 hours ( 800 ) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3A-3 Yellow Opaque Paste Color  
HMIS HAZARD RATINGS: Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
1)CHROMIUM	7440473	3 - 4		N/D
1)LEAD	7439921	13 - 14		N/D
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER)	Mixture	26 - 30		N/D
1)DIBUTYL PHTALATE	84-74-2	2 - 3	5MG/M3	5MG/M3

#### NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Yellow Paste  
BOILING POINT - N/D  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 2.14  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT - Non-Volatile  
AUTOIGNITION TEMPERATURE - N/D

FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D

**BASIC FIREFIGHTING PROCEDURES:**

Use extinguishing agent suitable for type of surrounding fire. Material itself burns with difficulty.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Fire may produce poisonous or irritating gas, fumes or vapor. Excessive heat may trigger polymerization of confined material. Containers may explode in heat or fire. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

**SECTION V - HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE****INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

**SKIN EFFECTS:**

SLIGHTLY TO MODERATELY IRRITATING. Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

**EYE:**

SLIGHTLY TO MODERATELY IRRITATING. May cause slight transient irritation. Contact with heated material may cause thermal burns.

**INHALATION:**

May cause respiratory tract irritation.

**SPECIAL TOXIC EFFECTS:**

Non-silica encapsulated lead chromate is currently listed as a suspect carcinogen, therefore this information is included, even though recent toxicity data indicates lead chromate pigments:

\*Are non-carcinogenic, or at least show extremely low carcinogenic potential based on studies from lung implantation experiments on rats.

\*Do not show an increase in lung cancer rate from epidemiological studies in factories which produce only lead chromate pigments.

**CALIFORNIA PROPOSITION 65 STATEMENT**

**WARNING:** This product contains a chemical known to the State of California to cause cancer. Product contains Hexavalent Chromium.

**WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Product contains Lead

**SECTION VI - EMERGENCY & FIRST AID PROCEDURES****INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

**SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

**EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

**SECTION VII - PERSONAL PROTECTION INFORMATION****EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

**SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

**RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations. NIOSH/MSHA approved breathing equipment may be required for non-routine and emergency use.

**SECTION VIII - REACTIVITY DATA****STABILITY/INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

**HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization.

**SECTION IX - ENVIRONMENTAL INFORMATION****SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

**WASTE DISPOSAL:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

**SECTION X - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Wash hands thoroughly after handling, before eating, smoking and applying cosmetics.

OTHER PRECAUTIONS: N/D

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS (49CFR 172.101)	- N/A
D.O.T. PROPER SHIPPING NAME (49CFR 172.101)	- N/A
D.O.T. LABELS REQUIRED (49CFR 172.101)	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

**DISCLAIMER OF LIABILITY**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim liability for any use of this material. Information contained herein is believed to be true and accurate but all statements are made without warranty, express or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use and the suitability of the material for the user's purpose.

Prepared By: Joe Morales

F#170-21A

N/D - No Data Available

N/A - Not Applicable

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS HACOL 16-3A-4  
\*REVISED 08/10/00  
REPLACES 2/14/91

## HACOL 16-3A-4 MEDIUM BLUE

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFORMATION & SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - 24 HOURS (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3a-4 Medium Blue Opaque Paste  
HMIS HAZARD RATINGS: - Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
1)PIGMENT BLUE 15 (COPPER COMPOUND)	147-14-8	N/D	1.0 Mg	M3 Air
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER)	MIXTURE	15 - 25		N / D
1)DIBUTYL PHTALATE	84-74-2	2-3	5MG/M3	5MG/M3

### NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Medium Blue Paste  
BOILING POINT - N/D  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 1.56  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT (PMCC) - Non-Volatile  
AUTO IGNITION TEMPERATURE - N/D  
FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D

**BASIC FIREFIGHTING PROCEDURES:**

Use extinguishing agent suitable for type of surrounding fire. Material itself burns with difficulty.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Fire may produce poisonous or irritating gas, fumes or vapor. Excessive heat may trigger polymerization of confine material. Containers may explode in heat or fire. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

**SECTION V - HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE****INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

**SKIN EFFECTS:**

**SLIGHTLY TO MODERATELY IRRITATING.** Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

**EYE:**

**SLIGHTLY TO MODERATELY IRRITATING.** May cause slight transient irritation. Contact with heated material may cause thermal burns.

**SECTION VI - EMERGENCY & FIRST AID PROCEDURES****INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

**SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

**EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

**SECTION VII - PERSONAL PROTECTION INFORMATION****EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

**SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

**RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations. NIOSH/MSHA approved breathing equipment may be required for non-routine and emergency use.

**SECTION VIII - REACTIVITY DATA****STABILITY/INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

**HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization.

**SECTION IX - ENVIRONMENTAL INFORMATION****SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

**WASTE DISPOSAL:** Dispose of residual product in accordance with applicable local, County, State and Federal regulations.

**SECTION X - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

**OTHER PRECAUTIONS:** N/A

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS	- N/A
D.O.T. PROPER SHIPPING NAME	- N/A
D.O.T. LABELS REQUIRED	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

**DISCLAIMER OF LIABILITY**

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Prepared By: Joe Morales

F#170-21A

N/D - No Data Available

N/A - Not Applicable

# HASTINGS PLASTICS COMPANY

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

PRODUCT DATA  
MSDS HACOL 16-3A-4A  
\*REVISED 08/10/00  
REPLACES 2/15/91

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## HACOL 16-3A-4A ROYAL BLUE

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFORMATION & SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Resin  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL Royal Blue Opaque Paste Color  
HMIS HAZARD RATINGS: - Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
1)PIGMENT BLUE 15 (COPPER COMPOUND)	147-14-8	N/D	1.0 Mg	M3 Air
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER)	MIXTURE	15 - 25		N / D

### NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Royal Blue Paste  
BOILING POINT - 400°F  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 1.066 - 1.090  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Trace  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT (PMCC) - >200 °F  
AUTO IGNITION TEMPERATURE - N/D  
FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D

BASIC FIREFIGHTING PROCEDURES: Use foam, carbon dioxide or dry chemical. Extinguish flame from

perimeter inward to main body of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

## **SECTION V - HEALTH HAZARD INFORMATION**

### **EFFECTS OF OVEREXPOSURE**

#### **INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

#### **SKIN EFFECTS:**

SLIGHTLY TO MODERATELY IRRITATING. Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals.

#### **EYE:**

SLIGHTLY TO MODERATELY IRRITATING. May cause slight transient irritation.

## **SECTION VI - EMERGENCY & FIRST AID PROCEDURES**

### **INGESTION:**

Immediately drink two glasses of water and induce vomiting by either giving Ipecac syrup or by placing finger at back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### **SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

### **EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

## **SECTION VII - PERSONAL PROTECTION INFORMATION**

### **EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

### **SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

## **SECTION VIII - REACTIVITY DATA**

### **STABILITY/INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS: N/D

HAZARDOUS POLYMERIZATION: MAY OCCUR CONDITIONS TO AVOID: Prolonged Storage at 100°F

### **SECTION IX - ENVIRONMENTAL INFORMATION**

#### **SPILL OR RELEASE TO THE ENVIRONMENT:**

Cover with inert, absorbent material and remove to disposal container. Observe all Federal, State and local laws

WASTE DISPOSAL: Dispose of residual product in accordance with applicable local, County, State and Federal regulations.

### **SECTION X - SPECIAL PRECAUTIONS**

#### **PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Avoid prolonged or repeated contact with skin and contact with eyes. Store in cool dry area.

OTHER PRECAUTIONS: N/A

### **SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS	- N/A
D.O.T. PROPER SHIPPING NAME	- N/A
D.O.T. LABELS REQUIRED	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

### **DISCLAIMER OF LIABILITY**

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Prepared By: Joe Morales

F#170-21A

N/D - No Data Available

N/A - Not Applicable

# HASTINGS PLASTICS COMPANY

PRODUCT DATA  
MSDS HACOL 16-3A-4B  
\*REVISED 08/10/00  
REPLACES 4/14/94

1704 Colorado Ave. Santa Monica, CA 90404 310-829-3449 FAX 310-828-6820

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## HACOL 16-3A-4B AQUA POOL

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY  
PRODUCT INFO/SALES - (310) 829-3449  
EMERGENCY PHONE NUMBER - (800) 424-9300  
CHEMICAL FAMILY - Unsaturated Polyester Paste Color  
CHEMICAL NAME - N/A  
TRADE NAME - HACOL 16-3A-4B Aqua Pool Opaque Paste  
HMIS HAZARD RATINGS: Health - 1 / Reactivity - 0 / Flammability - 0

### SECTION II - HAZARDOUS INGREDIENTS

If present, IARC, NTP, and OSHA carcinogens and chemicals subject to the reporting requirements of SARA TITLE III SECTION 313 are identified in this section.

<u>COMPONENTS</u>	<u>CAS #</u>	<u>%</u>	<u>PEL</u>	<u>TLV(units)</u>
COPPER	7440-50-8	.12	1.0 mg/M3N AP	1.0 mg/M3
SILICA, AMORPHOUS, FUMED, CRYST-FREE	112945-52-5	3 - 4	NE	NE
ZINC OXIDE	1314-13-2	4 - 5	NE	NE
LIMESTONE	1317-65-3	10 - 11	5mg/m3	10mg/m3
TITANIUM OXIDE	13463-67-7	45 - 50	5mg/m3	10mg/m3
UNSATURATED POLYESTER VISCOUS ALKYD (PRE-POLYMER)	Mixture	26 - 30		N/D
1)DIBUTYL PHTALATE	84-74-2	2 - 3	5mg/m	5mg/m3

NOTES:

1)THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

### SECTION III - PHYSICAL DATA

APPEARANCE, COLOR & ODOR - Aqua Paste  
BOILING POINT - 400°F  
VAPOR PRESSURE - N/D  
VAPOR DENSITY (Air = 1) - N/D  
SPECIFIC GRAVITY - 1.88 - 1.90  
SOLUBILITY IN WATER - Negligible  
PERCENT VOLATILE - Non-Volatile  
EVAPORATION RATE - N/D

### SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT - Non-Volatile  
AUTO IGNITION TEMPERATURE - N/D  
FLAMMABILITY LIMITS IN AIR (%BY VOL.)LOWER: N/D UPPER: N/D  
BASIC FIREFIGHTING PROCEDURES: Use extinguishing agent suitable for type of surrounding fire.  
Material itself burns with difficulty

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire may produce poisonous or irritating gas, fumes or

vapor. Excessive heat may trigger polymerization of confined material. Containers may explode in heat or fire. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

## **SECTION V - HEALTH HAZARD INFORMATION**

### **EFFECTS OF OVEREXPOSURE**

#### **INGESTION:**

May cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting and diarrhea.

#### **SKIN EFFECTS:**

SLIGHTLY TO MODERATELY IRRITATING. Repeated or prolonged skin contact may cause reddening, itching and inflammation. May cause allergic reactions in some individuals. Contact with heated material may cause thermal burns.

#### **EYE:**

SLIGHTLY TO MODERATELY IRRITATING. May cause slight transient irritation. Contact with heated material may cause thermal burns.

#### **INHALATION:**

May cause respiratory tract irritation.

## **SECTION VI - EMERGENCY & FIRST AID PROCEDURES**

### **INGESTION:**

Do not induce vomiting. If spontaneous vomiting occurs, monitor for breathing difficulty. Keep affected person warm and at rest. Get immediate medical attention.

### **SKIN CONTACT:**

Wash area of contact thoroughly with soap and water. Remove contaminated clothing immediately. Get medical attention if irritation persists.

### **EYE CONTACT:**

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

### **INHALATION:**

Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Keep affected person warm and at rest. Get immediate medical attention.

## **SECTION VII - PERSONAL PROTECTION INFORMATION**

### **EYE PROTECTION:**

Wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Have eye washes readily available where eye contact can occur.

### **SKIN PROTECTION:**

Wear impervious gloves and protective clothing to prevent skin contact. Use good personal hygiene. Wear regularly cleaned work clothing. Showering and changing into street clothing after work is desirable.

**RESPIRATORY PROTECTION:**

Ventilation may be used to control or reduce airborne concentrations. NIOSH/MSHA approved breathing equipment may be required for non-routine and emergency use.

**SECTION VIII - REACTIVITY DATA****STABILITY / INCOMPATIBILITY:**

Stable under normal conditions of use. Avoid contact with strong oxidizers.

**HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS:**

Thermal decomposition products may be hazardous. Reacts vigorously with oxidizing agents. Dissolution of material with uninhibited unsaturated monomers can result in exothermic auto-polymerization

**SECTION IX - ENVIRONMENTAL INFORMATION****SPILL OR RELEASE TO THE ENVIRONMENT:**

No special procedures are required for clean-up of spills or leaks of this material. Avoid methods that result in water pollution. Caution should be exercised regarding personnel safety and exposure to the spilled material, as set forth elsewhere in this data sheet.

**WASTE DISPOSAL:**

Hastings polyester resins, when discarded or disposed of, are not specifically listed as a hazardous waste in federal regulations. Polyester resin in the liquid state is a hazardous waste because it exhibits the characteristic of ignitability (40CFR261). Completely polymerized, fully-cured polyester resin solids are non-hazardous solid wastes. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable Federal, State, and Local regulations.

**SECTION X - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:**

Wash hands thoroughly after handling, before eating, smoking and applying cosmetics.

OTHER PRECAUTIONS: N/A

**SECTION XI - TRANSPORTATION REQUIREMENTS**

D.O.T. HAZARD CLASS (49CFR 172.101)	- N/A
D.O.T. PROPER SHIPPING NAME (49CFR 172.101)	- N/A
D.O.T. LABELS REQUIRED (49CFR 172.101)	- N/A
D.O.T. PLACARDS REQUIRED	- N/A
BILL OF LADING DESCRIPTION	- N/A
UN/NA CODE	- N/A

**DISCLAIMER OF LIABILITY**

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Prepared By: Joe Morales

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