



MATERIAL SAFETY DATA SHEET

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

DI-84

HMIS CODES

Health 2
Flammability 3
Reactivity 1

PRODUCT NAME

Basecoat White

MANUFACTURER'S NAME

Distinctive Image
Dutch Square Industrial Park
6423 Amsterdam Way
Wilmington, NC 28405

EMERGENCY TELEPHONE NO.

CHEMTREC:
800-424-9300 (Within USA)
001-703-527-3887 (Outside the USA)
INFORMATION TELEPHONE NO.
(313) 531-1111

Section 2 -- COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

<u>Ingredient % by weight</u>	<u>CAS Number</u>	<u>Vapor Pressure</u>	
Xylene			
5 - 20%	1330-20-7	8	
		ACGIH TLV	100
		ACGIH STEL	150
		OSHA PEL	100
		OSHA STEL	
		NIOSH	STEL 150
		NIOSH	REL 100
Ethylbenzene			
1 - 5%	100-41-4	7	
		ACGIH TLV	100
		ACGIH STEL	125
		OSHA PEL	100
		OSHA STEL	N/E
		NIOSH	REL 100
		NIOSH	STEL 125
		NIOSH	IDLH 800
Propylene Glycol Monomethyl			
5 - 20%	108-65-6	3.8	
		ACGIH TLV	N/E

			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
Carbon Black				
1 - 5%	1333-86-4		N/A	
			ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
Butylbenzyl Phthalate				
1 - 5%	85-68-7		14	
			ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
Cellulose Acetate Butyrate				
1 - 5%	9004-36-8		N/A	
			ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	N/E
Trade Secret				
1 - 5%	NJTS50041NCD		N/A	
			ACGIH TLV	N/E
			ACGIH STEL	N/E
			OSHA PEL	N/E
			OSHA STEL	
n-butyl Acetate				
20 - 50%	123-86-4		10	
			ACGIH TLV	150
			ACGIH STEL	200
			OSHA PEL	150
			OSHA STEL	N/E
			NIOSH	REL 150
			NIOSH	STEL 200
			NIOSH	IDLH 1700

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE:

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE:

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None generally recognized.

CANCER INFORMATION:

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

Section 4 -- FIRST AID MEASURES

If INHALED:

If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN:

Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES:

Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED:

Do not induce vomiting. Get medical attention immediately.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
70 F	1.0	7.6

EXTINGUISHING MEDIA:

Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires. Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbent should be placed in this container.

Section 7 -- HANDLING RELEASE MEASURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Do not expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE:

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust" in section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in section 2, the applicable limits for nuisance dust are ACGIII TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction). Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead.

VENTILATION:

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108, and complete an industrial hygiene study to analyze specific working conditions.



RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.



PROTECTIVE GLOVES:

None required for normal application of these products where minimal skin contact is expected. For prolonged repeated contact, wear chemical resistant gloves.



EYE PROTECTION:

Wear safety spectacles with unperforated side shields.

OTHER PRECAUTIONS:

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.



Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	7.584 lb/gal	909 g/l
SPECIFIC GRAVITY	0.910	
BOILING POINT	258 - 281 F	
126 - 138 C		
VOLATILES	81.0 % by wt	83.9 % by vol
EVAPORATION RATE	Same as ether	
VAPOR DENSITY	Heavier than air	
REGULATORY VOC	6.14 lb/gal	736 g/l
ACTUAL VOC	6.14 lb/gal	736 g/l

Section 10 -- STABILITY AND REACTIVITY

STABILITY:

This product is normally stable and will not undergo hazardous reactions.

CONDITIONS TO AVOID:

None Known.

INCOMPATIBILITY:

Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, oxides of sulfur, oxides of barium, lowers molecular weight polymer fractions.

HAZARDOUS POLYMERIZATION:

None Known.

Section 11 -- TOXICOLOGICAL INFORMATION

CAS No. Ingredient Name

1330-20-7 Xylene

IARC Classification Group 3
Acute oral toxicity: LD50 Rat: 4.300 mg/kg
Acute inhalation toxicity: No data available
Acute dermal toxicity: LD50 Rabbit: (>) 2,000 mg/kg

100-41-4 Ethylbenzene

IARC Classification Group 2B
This is an example of pre-defined notes. Toxicological Information:

Draize test, rabbit, eye: 500 mg Severe;
Inhalation, mouse: LC50 = 35500 mg/m³/2H;
Inhalation, rat: LC50 = 55000 mg/m³/2H;
Oral, rat: LD50 = 3500 mg/kg;
Oral, rat: LD50 = 3500 mg/kg;
Skin, rabbit: LD50 = 17800 uL/kg;
Inhalation rat: LC50 = 17.2 mg/l/4H from BASF.
Carcinogenicity: Confirmed animal carcinogen with unknown relevance to humans
California: Carcinogen, initial date 6/11/04
NTP: Not listed.
IARC: Group 2B carcinogen
Epidemiology: No information found
Teratogenicity: No information found
Reproductive Effects: No information found
Mutagenicity: Mutation in mammalian somatic cells (Rodent, mouse) Lymphocyte = 80
mg/L.
Neurotoxicity: No information found
Other Studies: No information found

108-65-6 Propylene Glycol Monomethyl

IARC Classification Not Established
Acute toxicity
LD50 Oral:
Rat: 8,532 MG/KG BWT
LD50 Skin:
Rat: >5,000 MG/KG

Irritation:
Skin: May be irritating to the skin.
Eyes: May irritate eyes.
Target organs: Eyes, Skin.

Repeated dose toxicity:
No known chronic health effects.

1333-86-4 Carbon Black

IARC Classification Group 2B

RTECS#:

CAS# 1333-86-4: FF5800000

LD50/LC50:

CAS# 1333-86-4:

Oral, rat: LD50 = >15400 mg/kg;

Skin, rabbit: LD50 = >3 gm/kg;

Carcinogenicity:

CAS# 1333-86-4:

1 ACGIH: Not listed.

1 California: carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size

1 NTP: Not listed.

1 IARC: Group 2B carcinogen

Epidemiology: No data available.

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: See actual entry in RTECS for complete information.

Neurotoxicity: No information found

Other Studies: No information found

85-68-7 Butylbenzyl Phthalate

IARC Classification Group 3

Acute toxicity:

LD50 Oral - rat - 2,330 mg/kg

LD50 Dermal - rabbit - > 10,000 mg/kg

Skin corrosion/irritation:

No data available

Serious eye damage/eye irritation:

No data available

Respiratory or skin sensitization:

No data available

Germ cell mutagenicity:

No data available

Carcinogenicity:

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Benzyl butyl phthalate)

ACGIH: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity:

Presumed human reproductive toxicant:

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity - single exposure (GHS):

No data available

Specific target organ toxicity - repeated exposure (GHS):

No data available

Aspiration hazard:

No data available

Potential health effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Additional Information:

RTECS: TH9990000

9004-36-8 Cellulose Acetate Butyrate

IARC Classification Not Established

Information on likely routes of exposure

Inhalation: None Known

Ingestion: None Known

Skin Contact: Molten material will produce thermal burns

Eye Contact: Molten material will produce thermal burns

Information on toxicological effects

Acute Toxicity

Oral

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: Oral LD-50: (Rat):>3,200 mg/kg (highest dose tested)

Dermal

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: Dermal LD-50: (Guinea pig):>1,000 mg/kg (highest dose tested)

Inhalation

Product: No data available

Specified substances(s)

Cellulose acetate butyrate: No data available

Repeated dose toxicity

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

Skin corrosion/irritation

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: (Guinea pig, 24 h): slight

Serious eye damage/eye irritation

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

Respiratory or skin sensitization

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

Germ cell mutagenicity

In vitro

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

In vivo

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

Carcinogenicity

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

Reproductive toxicity

Product: No data available

Specified substance(s)

Cellulose acetate butyrate: No data available

Specific target organ toxicity-single exposure
Product: No data available

Specified substance(s)
Cellulose acetate butyrate: No data available

Specific target organ toxicity-repeated exposure
Product: No data available

Specified substance(s)
Cellulose acetate butyrate: No data available

Aspiration hazard
Product: No data available

Specified substance(s)
Cellulose acetate butyrate: No data available

Other adverse effects: No data available

NJTS50041NCD Trade Secret

IARC Classification Not Established
Skin irritation:

Rabbit: (Draize test)

Eye irritation:

Rabbit: non-irritant

123-86-4 n-butyl Acetate

IARC Classification Not Established
Acute oral toxicity: LD50 Rat: 10.8 g/kg
Acute inhalation toxicity: LC50 Rat: 160mh/l, 4h
Acute dermal toxicity: LD50 Rabbit: 17,600 mg/kg

IARC Reference

IARC Group 1: The agent is *carcinogenic to humans*

This category is used when there is *sufficient evidence of carcinogenicity* in humans. Exceptionally, an agent may be placed in this category when evidence of carcinogenicity in humans is less than

Ecotoxicity effects:

Toxicity to fish: 96h LC50 Flathead minnow (*Pimephales promelas*); 23.53-29.97 mg/l

Method: Static

Mortality

Toxicity to daphnia and other aquatic Invertebrates: 24h LC50 Water flea (*Daphnia magna*): > 100.00 - <1,000.00 mg/l

Method: Static

Mortality

Toxicity to algae: No data available

Toxicity to bacteria: No data available

Biochemical Oxygen Demand (BOD): No data available

Chemical Oxygen Demand (COD): No data available

Additional ecological information: No data available

100-41-4 Ethylbenzene

Ecological Information

Ecotoxicity:

Fish: Rainbow trout: LC50 = 14.0 mg/L; 96 Hr.;

Static Bioassay Fish: Fathead Minnow: LC50 = 12.1 mg/L; 96 Hr.;

Flow-through Bioassay Fish: Bluegill/Sunfish: LC50 = 150.0 mg/L; 96 Hr.;

Static Bioassay: pH 6.5-7.9, 21-23 degrees C

Water flea: EC50 = 2.1 mg/L; 48 Hr.;

Static Bioassay Water flea: EC50 = 75.0 mg/L; 48 Hr.;

Static Bioassay Shrimp (*mysidopsis bahia*): LC50 = 87.6 mg/L/96hr.

Sheepshead minnow: LC50 = 275 mg/L/96hr.

Fathead minnow: LC50 = 42.3 mg/L/96hr in hard water & 48.5 mg/L/96hr in soft water.

Environmental: Experimental data on the bioconcentration of ethylbenzene include a log BCF of 1.9 in goldfish and the log BCF of 0.67 for clams exposed to the water-soluble fraction of crude oil.

Using its octanol/water partition coefficient (log Kow= 3.15) and using a recommended regression equation, one can calculate a log BCF in fish of 2.16 indicating that ethylbenzene should not significantly bioconcentrate in aquatic organisms. Ethylbenzene has a moderate adsorption for soil.

The measured Koc for silt loam was 164

Physical: The predominant photochemical reaction of ethylbenzene in the atmosphere is with hydroxyl radicals; the tropospheric half-life for this reaction is 5.5 and 24 hr in the summer and winter, actively. Degradation is somewhat faster under photochemical smog situations.

Photo oxidation products which have been identified include ethylphenol, benzaldehyde, acetophenone and m- and p-ethylnitrobenzene. Ethylbenzene is resistant to hydrolysis.

Ethylbenzene does not significantly absorb light above 290 nm in methanol solution.

108-65-6 Propylene Glycol Monomethyl

Ecotoxicity:
No Data Available.

Acute Fish toxicity:
LC50/96 HOURS *Oryzias latipes* (Orange-red killifish) > 100 mg/l
NOEC/96 HOURS *Oryzias latipes* (Orange-red killifish) 556 mg/l

Acute toxicity to aquatic invertebrates
EC50/48 HOURS *Daphnia magna* (water flea) 373 mg/l
NOEC/48 HOURS *Daphnia magna* (water flea) 278 mg/l

Environmental fate and pathways:
It may enter soil and water.

Persistence and degradability:
Biodegradation: Expected to be biodegradable.

1333-86-4 Carbon Black

No information available.

85-68-7 Butylbenzyl Phthalate

Toxicity to fish
LC50 - *Lepomis macrochirus* (Bluegill) - 1.7 mg/l - 96.0 h
NOEC - *Oncorhynchus mykiss* (rainbow trout) - 0.48 mg/l - 96.0 h
Toxicity to daphnia and other aquatic invertebrates:
EC50 - *Daphnia magna* (Water flea) - 1.70 mg/l - 48 h

Persistence and degradability:
Biodegradability Biotic/Aerobic:
Result: 88 % - Readily biodegradable.

Bio accumulative potential:
Bioaccumulation *Lepomis macrochirus* (Bluegill) - 21 d
Bioconcentration factor (BCF): 663

Mobility in soil:
No data available

PBT and vPvB assessment:
No data available

Other adverse effects:
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Avoid release to the environment.

9004-36-8 Cellulose Acetate Butyrate

No data available.

NJTS50041NCD

Trade Secret

Environmental fate and transport:

Biodegradation:

Evaluation: The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

Bioaccumulation: Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

Environmental toxicity:

Acute toxicity to aquatic invertebrates:

OECD Guideline 202, part 1 static

Daphnia magna/EC50 (48 h): >100 mg/l

Nominal concentration. The product has low solubility in the test medium. An eluate has been tested. No toxic effects occur within the range of solubility.

123-86-4

n-butyl Acetate

Aquatic toxicity:

Acute and Prolonged Toxicity to Fish: No data available

Acute Toxicity to Aquatic Invertebrates: No data available

Environmental fate and pathways: No data available

Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity

NOS Technical Name: ORM-D

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

Section 15 -- REGULATORY INFORMATION

Canadian Regulations:

CEPA (Canadian Environmental Protection Act):

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All substances in this product are listed on the Canadian Domestic Substance List (DSL) or are not required to be listed.

US Regulations:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA 313:

CAS No.	CHEMICAL/COMPOUND	% by WT

1330-20-7	Xylene	11.5
100-41-4	Ethylbenzene	1.5
85-68-7	Butylbenzyl Phthalate	
1.5		

PROP 65

CAS No.	CHEMICAL COMPOUND	% by WT

100-41-4	Ethylbenzene	1.5
1333-86-4	Carbon Black	
1.5		
85-68-7	Butylbenzyl Phthalate	
1.5		

TSCA CERTIFICATION:

U.S. TSCA: This product and/or all of its components are listed on the U.S. TSCA Inventory or is otherwise exempt from TSCA Inventory reporting requirements.

Section 16 -- OTHER INFORMATION

DISCLAIMER:

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact. While we believe that the data contained herein is accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which we assume legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, provincial, and local laws and regulations.

