



**Chem-thane DCP-FLEX™**  
Low-VOC Polyaspartic Aliphatic Polyurea  
MATERIAL SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Product Name: DCP-Flex Standard Base, Part A

Sold By: IndMar Coatings Corporation · PO Box 456 · Wakefield, VA 23888

Contact: Wilmer Rowe 1-800-400-2361

IN CASE OF CHEMICAL EMERGENCY, CONTACT 1-800-400-2361

Date Prepared: October 5, 2010

**SECTION 2: HAZARDOUS INGREDIENT INFORMATION**

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	WT. PERCENT
Mixed amine esters	Proprietary	N/E	N/E	50-80
Benzene-1-chloro-4-fluoromethyl	98-56-6	N/E	N/E	0-30
Aromatic Hydrocarbon	64742-95-6	25 PPM	25 PPM	10-30

**SECTION 3: HMIS INFORMATION**

HEALTH: 2  
FLAMMALIBITY: 2  
REACTIVITY: 0  
PROTECTION: GLOVES AND GLASSES

**SECTION 4: PHYSICAL AND CHEMICAL CHARACTERISTICS**

Appearance: Clear or pigmented liquid  
Odor: Slight, sweet smell  
Boiling Point: 282' F.  
Vapor Pressure: 4.8 mm Hg at 100' F. Heavier than air  
Specific Gravity: 1.1 average  
Solubility in water: Insoluble  
V. O. C.: 1.8 pounds per gallon maximum 215 grams per liter maximum  
Evaporation rate: Slower than ether

## **SECTION 5: FIRE FIGHTING MEASURES**

Flash Point: 102' F Pinsky-Martens Closed Cup  
Flammability Limits LEL .9% UEL 10.5%  
Extinguishing media: Water fog, Carbon dioxide, foam and Dry chemical

Special Fire Hazards: Containers can rupture in a fire releasing toxic and corrosive gases. Vapors are heavier than air and can travel along the ground to a source of ignition and flash back, being ignited by heat, pilot lights, other flames and ignition sources distant from the area of material handling.

Firefighting Equipment: Fire fighters should wear self-contained breathing apparatus with a full face piece operated in pressure demand or other air.

## **SECTION 6: FIRST AID MEASURES**

Inhalation: Remove person to source of fresh air. If breathing becomes difficult, administer oxygen. Give artificial respiration, if breathing stops. Get medical attention.

Ingestion: Seek medical attention. Do not induce vomiting. Keep person warm.

Skin contact: Thoroughly wash exposed area with soap and water. Remove any contaminated clothing and wash before re-using.

Eye contact: Flush eyes with large amounts of water for at least 15 minutes. Get medical attention.

## **SECTION 7: HEALTH HAZARD INFORMATION**

Inhalation: May cause respiratory and nasal irritation, dizziness, fatigue, nausea, headaches and possible unconsciousness.

The use of a respiratory mask meeting NOISH/MSHA is acceptable. Adequate ventilation should be present.

Ingestion: May cause cramps, nausea, swelling, irritation of the gastrointestinal system and diarrhea.

A proper mask should be worn at all times when handling the product.

Eye contact: Can cause irritation, discomfort, redness, swelling, tearing and blurred vision.

Chemical splash resistant goggles which comply to OSHA regulations are recommended.

Skin contact: Can cause moderate skin irritation and dermatitis.

Chemical resistant gloves and other appropriate clothing should be worn when handling and using the product.

## **SECTION 8: REACTIVITY AND STABILITY DATA**

Stability: Stable

Conditions to avoid: Avoid excessive heat, flames, sparks and any other possible sources of ignition. Never weld or use cutting torches near containers or freshly applied materials. Empty containers can be explosive.

Incompatibility: Avoid strong oxidizing agents.

Hazardous decomposition or byproducts: May form carbon dioxide, carbon monoxide, nitrogen oxides and hydrocarbons.

Hazardous polymerization: Will not occur.

## **SECTION 9: SAFE HANDLING AND USE**

Storage: Store materials in a dry, well ventilated place at temperatures between 30 and 120' F.

Disposal: Any disposal should be in accordance with local, state and federal environmental regulations.

Spills: Small spills may be contained with spill absorbent materials. Large spills should be contained to prevent run-off to sewers, streams, public water sources, etc., and authorities should be notified.

## **SECTION 10: TRANSPORTATION DATA**

Ground transportation in one gallon and smaller containers: Paint, non-regulated, Class 55

Ground transportation in five gallon or larger containers and shipments by air and water: UN-1263, Paint, 3, PG II

## **SECTION 11: PRODUCT DATA SHEET**

Prior to using this product, refer to the product data sheet for proper mixing and use.

## **SECTION 12: DISCLAIMER**

The information contained herein was developed to meet the current OSHA and Department of Transportation regulations. It is believed to be accurate at the time of its preparation and the seller will not be liable for claims relating to its use or recommendations therein contained, regardless of whether it is claimed that the information is inaccurate, incomplete or misleading.

**IndMar Coatings Corporation™**

PO Box 456 · Wakefield, VA 23888

Office: 1-800-400-2361

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Low-VOC Polyaspartic Aliphatic Polyurea  
MATERIAL SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Product Name: DCP-Flex Standard Catalyst, Part B

Sold By: IndMar Coatings Corporation · PO Box 456 · Wakefield, VA 23888

Contact: Wilmer Rowe 1-800-400-2361

IN CASE OF CHEMICAL EMERGENCY, CONTACT 1-800-400-2361

Date Prepared: October 5, 2010

**SECTION 2: HAZARDOUS INGREDIENT INFORMATION**

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	WT. PERCENT
Homopolymer of HDI	28182-81-2	N/E	N/E	70-80
Benzene-1-chloro-4-fluoromethyl	98-56-6	N/E	N/E	0-30
Aromatic Hydrocarbon	64742-95-6	25 PPM	25 PPM	10-30

**SECTION 3: HMIS INFORMATION**

HEALTH: 2  
FLAMMALIBITY: 2  
REACTIVITY: 1  
PROTECTION: GLOVES AND GLASSES

**SECTION 4: PHYSICAL AND CHEMICAL CHARACTERISTICS**

Appearance: Clear liquid  
Odor: Slight sweet aromatic smell  
Boiling Point: 298° F.  
Vapor Pressure: 4.8 mm Hg at 100° F. Heavier than air  
Specific Gravity: 1.1 average  
Solubility in water: Insoluble, but will react with water  
V. O. C.: 1.8 pounds per gallon maximum 215 grams per liter maximum  
Evaporation rate: Slower than ether

## **SECTION 5: FIRE FIGHTING MEASURES**

Flash Point: 104' F Pinsky-Martens Closed Cup  
Flammability Limits: LEL .9% UEL 12.5%

Extinguishing media: Water fog, Carbon dioxide, foam and Dry chemical

Special Fire Hazards: Containers can rupture in a fire releasing toxic and corrosive gases. Vapors are heavier than air and can travel along the ground to a source of ignition and flash back, being ignited by heat, pilot lights, other flames and ignition sources distant from the area of material handling.

Firefighting Equipment: Fire fighters should wear self-contained breathing apparatus with a full face piece operated in pressure demand or other air positive mode when fighting fires.

## **SECTION 6: FIRST AID MEASURES**

Inhalation: Remove person to source of fresh air. If breathing becomes difficult, administer oxygen. Give artificial respiration, if breathing stops. Get medical attention.

Ingestion: Seek medical attention. Do not induce vomiting. Keep Person warm.

Skin contact: Thoroughly wash exposed area with soap and water. Remove any contaminated clothing and wash before re-using.

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Skin contact: Can cause moderate skin irritation and dermatitis.

Chemical resistant gloves and other appropriate clothing should be worn when handling and using the product.

## **SECTION 8: REACTIVITY AND STABILITY DATA**

Stability: Stable

Conditions to avoid: Avoid excessive heat, flames, sparks and any other possible sources of ignition. Never weld or use cutting torches near containers or freshly applied materials. Empty containers can be explosive.

Incompatibility: Avoid strong oxidizing agents, alcohols, water, bases.

Hazardous decomposition or byproducts: May form carbon dioxide, carbon monoxide, nitrogen oxides, hydrocarbons and isocyanates.

Hazardous polymerization: Will not occur under normal conditions.

## **SECTION 9: SAFE HANDLING AND USE**

Storage: Store materials in a dry, well ventilated place at temperatures between 30 and 120' F.

Disposal: Any disposal should be in accordance with local, state and federal environmental regulations.

Spills: Small spills may be contained with spill absorbent materials. Large spills should be contained to prevent run-off to sewers, streams, public water sources, etc., and authorities should be notified.

## **SECTION 10: TRANSPORTATION DATA**

Ground transportation in one gallon and smaller containers: Paint, non-regulated, Class 55

Ground transportation in five gallon or larger containers and shipments by air and water: UN-1263, Paint 3, PG II

## **SECTION 11: PRODUCT DATA SHEET**

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