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MSDS Name DEVCON® Flexane® Fast Cure Putty [4:1] Manufacturer Name ITW Polymers Adhesives, North America

Stock No.: 15049 Kit MSDS Revision Date 12/30/2012

Components			
	FLEXANE FAST CURE CURING AGENT		
	FLEXANE FAST CURE PUTTY RESIN		
ITW Polymers Adhesives, North America Product Code: 15049			

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: FLEXANE FAST CURE CURING AGENT Manufacturer Name: ITW Polymers Adhesives, North America

Address: 30 Endicott Street

Danvers, MA 01923

General Phone Number: (978) 777-1100 Emergency Phone Number: (800) 424-9300

CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-

MSDS Revision Date: 12/30/2012



Chronic Health Effects

SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	
Diethyltoluenediamine	68479-98-1	30 - 60 by weight	
Dipropylene glycol dibenzoate	27138-31-4	30 - 60 by weight	
Inert material	N/A	1 - 5 by weight	
Epoxidized soybean oil	8013-07-8	1 - 5 by weight	
Carbon black	1333-86-4	0.1 - 1 by weight	
Dipropylene glycol monobenzoate	125457-59-2	1 - 5 by weight	

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: WARNING! Harmful. Irritant. Route of Exposure: Eyes, Skin, Inhalation, Ingestion,

Potential Health Effects:

Eve: Can cause severe eye irritation and burns. Eye contact may cause

permanent damage or blindness.

Causes severe skin irritation. May cause permanent skin damage. Skin: Inhalation: Vapor or mist may cause severe respiratory system irritation. Causes imitation, a burning sensation of the mouth, throat and Ingestion:

gastrointestinal tract and abdominal pain. Chronic Health Effects:

Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.

Signs/Symptoms: Overexposure may cause eye watering or discomfort, redness and

swelling.

Target Organs: Eyes, Skin. Respiratory system. Digestive system.

Appravation of Pre-Existing May aggravate pre-existing respiratory disorders, allergy, eczema, or skin Conditions:

SECTION 4: FIRST AID MEASURES

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20

minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air If not breathing, give artificial respiration

or give oxygen by trained personnel. Seek immediate medical attention.

If swallowed, do NOT induce vomiting. Call a physician or poison control Ingestion:

center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point: >275°F (135°C) Flash Point Method: Tag Closed Cup (TCC)

Auto Ignition Temperature: Not determined. Lower Flammable/Explosive Not determined.

Limit:

Upper Flammable/Explosive

Not determined.

Fire Fighting Instructions: Evacuate area of unprotected personnel. Use cold water spray to cool fire

exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off

Extinguishing Media: Use carbon dioxide (CO2) or dry chemical when fighting fires involving

this material

Water or foam may cause frothing. Unsuitable Media:

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA),

MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Cleanup Measures: Absorb spill with inert material (e,g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately

observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use

proper personal protective equipment as listed in section 8.

Personnel Precautions: Evacuate area and keep unnecessary and unprotected personnel from

entering the spill area

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Other Precautions: Pump or shovel to storage/salvage vessels.

SECTION 7: HANDLING and STORAGE

Handling: Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.

Store in a cool, dry, well ventilated area away from sources of heat and Storage: incompatible materials. Keep container tightly closed when not in use. Do

not store in reactive metal containers. Keep away from acids, oxidizers.

Special Handling Procedures: Provide appropriate ventilation/respiratory protection against

decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured

Wash thoroughly after handling. Hygiene Practices:

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne Engineering Controls:

levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance

of the personal protective equipment.

Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European Eye/Face Protection:

standard EN 166.

Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.

Respiratory Protection: A NIOSH approved air-purifying respirator with an organic vapor cartridge

or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate

protection.

Other Protective: Facilities storing or utilizing this material should be equipped with an

eyewash and a deluge shower safety station.

EXPOSURE GUIDELINES

Skin Protection Description:

Carbon black:

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liauid... Mobile Gray. Color: Odor: mild ammonia like. Boiling Point: >450°F (232.2°C) Melting Point: Not determined. Specific Gravity: 1.06

Solubility: negligible Vapor Density: >1 (air = 1) <1 mmHg @70°F Vapor Pressure:

Percent Volatile:

<<1 (butyl a cetate = 1) Evaporation Rate: 7-8 @ 5 Percent Solution pH:

Molecular Formula: Mixture Molecular Weight: Mixture >275°F (135°C) Flash Point: Flash Point Method: Tag Closed Cup (TCC) Auto Ignition Temperature: Not determined.

VOC Content: 0 g/L 100 Percent Solids by Weight

SECTION 10: STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization: Not reported

Conditions to Avoid: Extreme heat, sparks, and open flame. Incompatible materials, oxidizers

and oxidizing conditions.

Incompatible Materials:

Oxidizers, acids, and chlorinated organic compounds. Reactive metals (e.g. sodium, calcium, zinc). Sodium/calcium hypochlorite. Nitrous acid/oxide, nitrites. Peroxides. Materials reactive with hydroxyl compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Diethyltoluenediamine:

RTECS Number: CZ1583125

Ingestion: Oral - Rat LD50 : 472 mg/kg [Sense Organs and Special Senses (Eye) -

Lacrimation Behavioral - Somnolence (general depressed activity) Musculoskeletal - Other changes]

Epoxidized soybean oil:

RTECS Number: LL1100000

Administration onto the skin - Rabbit LD50 : >20 mL/kg [Details of toxic Skin:

effects not reported other than lethal dose value]

Administration onto the skin - Rabbit Open irritation test: 500 mg [mild] Ingestion: Oral - Rat LD50 : 22500 uL/kg [Details of toxic effects not reported other

than lethal dose value]

Carbon black:

RTECS Number: FF5800000

Administration onto the skin - Rabbit : >3 gm/kg [Details of toxic effects Skin:

not reported other than lethal dose value]
Administration onto the skin - Rat : 11 gm/kg/4W (Intermittent) [Blood - Pigmented or nucleated red blood cells Liver - Changes in liver weight Nutritional and Gross Metabolic - Weight loss or decreased weight gain]

Oral - Rat LD50: >15400 mg/kg [Behavioral - Somnolence (general Inaestion:

depressed activity)]

IARC: Group 2B: Possibly carcinogenic to humans. Carcinogenicity:

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product. Environmental Fate: No environmental information found for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult

with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or

state and local guidelines.

RCRA Number: None DOT Shipping Name: Non regulated. DOT UN Number: Non regulated.

SECTION 15: REGULATORY INFORMATION

<u>Diethyltoluenediamine</u>:

TSCA Inventory Status: Listed Canada DSL: Listed

<u>Dipropylene glycol dibenzoate</u>:

TSCA Inventory Status: Listed Canada DSL: Listed **Epoxidized soybean oil:**

TSCA Inventory Status: Listed Canada DSL: Listed

Carbon black:

TSCA Inventory Status: Listed California PROP 65: Listed: cancer Massachusetts: Listed

Pennsylvania: Listed Canada DSL: Listed

Canadian Regulations. WHMIS Hazard Class(es): D2B

All components of this product are on the Canadian Domestic Substances

List.

SECTION 16: ADDITIONAL INFORMATION

HMIS Fire Hazard: 1 HMIS Health Hazard: 2* HMIS Reactivity: 0 HMIS Personal Protection:

MSDS Revision Date: 12/30/2012 MSDS Author: Actio Corporation

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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Manufacturer Name: ITW Polymers Adhesives, North America

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MSDS Revision Date: 12/30/2012



Chronic Health Effe cts

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
polypropylene glycol - PICM prepolymer	66101-60-8	60 - 100 by weight
Dicyclohexylmethane-4,4'-diisocyanate	5124-30-1	5 - 10 by weight
1,1'-Methylenebis (isocyanato)benzene	26447-40-5	1 - 5 by weight
4,4'-Diphenylmethane diisocyanate	101-68-8	1 - 5 by weight
Higher oligimers of methane diisocyanate (MDI)	9016-87-9	1 - 5 by weight
Trade secret.	N/A	1 - 5 by weight

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: WARNING! Irritant. Potential Sensitizer. Route of Exposure: Eyes. Skin. Inhalation. Ingestion. Potential Health Effects:

Eye: Can cause moderate irritation, burning sensation, tearing, redness, and

swelling. Overexposure may cause lacrimation, conjunctivitis, corneal

May cause skin sensitization, an allergic reaction, which becomes evident

on reexposure to this material.

Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects. May cause respiratory sensitization

with asthma-like symptoms in susceptible individuals

Ingestion: Causes irritation, a burning sensation of the mouth, throat and

gastrointestinal tract and abdominal pain.

Chronic Health Effects: Prolonged skin contact may lead to burning associated with severe

reddening, swelling, and possible tissue destruction.

Signs/Symptoms: Overexposure can cause headaches, dizziness, nausea, and vomiting.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing

Conditions:

Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product. Isocyanate exposure levels must be monitored. Medical supervision of all

employees who handle or come in contact with isocyanates is recommended (i.e. FEV, FVC). This should include pre-employment and periodic medical examinations.

. Persons with asthmatic-type conditions, chronic bronchitis, other chronic respiratory diseases, recurrent skin eczema or sensitization should be excluded from working with this product. Once sensitized no further

exposure can be permitted.

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with

fingers. Get immediate medical attention.

Immediately wash skin with plenty of soap and water for 15 to 20 Skin Contact:

minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

> If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious

person.

Note to Physicians: Asthmatic type symptoms may develop, which may be immediate or

delayed for several hours

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 453°F (233.8°C)

Pensky-Martens Closed Cup Flash Point Method:

Auto Ignition Temperature: Not determined Lower Flammable/Explosive Not determined.

Upper Flammable/Explosive

Inhalation:

Ingestion:

Not determined.

Evacuate area of unprotected personnel. Use cold water spray to cool fire Fire Fighting Instructions:

exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

Extinguishing Media: Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.

Unsuitable Media: Water or foam may cause frothing.

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Do not reseal containers if contaminated with water, resin will react with Unusual Fire Hazards: water to release carbon dioxide. As a result of the water contamination,

pressure will build up in the sealed container causing it to rupture.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material (e,g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately Spill Cleanup Measures:

observing precautions in the protective equipment section. Neutralize residue with appropriate neutralizer. Do not attempt to neutralize large quantities of material unless measures to control reactivity and heat generation have been taken. Absorb spill with inert material (e.g.., dry sand or earth), then place in a chemical waste container. Provide ventilation. After removal, flush spill area with soap and water to remove

Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8

A blanket of protein foam may be placed over spill for temporary control

of isocyanate vapor

Personnel Precautions: Evacuate area and keep unnecessary and unprotected personnel from

entering the spill area

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways

Other Precautions: Pump large quantities into closed but not sealed metal containers

Isocyanates will react with water and generate carbon dioxide, this could

result in the rupture of any closed containers. Neutralize using 10 parts neutralizer to 1 part isocyanate solution. Mix and allow to stand for 48 hrs in containers, letting evolved carbon dioxide to vent. Neutralizer consist of 90% water, 3-8% concentrated ammonia (or

sodium carbonate), 2% detergent.

Handling: Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.

Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Do Storage:

not reseal container If moisture or water contamination is suspected. Water contaminated material in a sealed container may rupture due to

pressure buildup.

Special Handling Procedures:

Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured

product.

Hygiene Practices: Wash thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne

levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance

of the personal protective equipment.

Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29

CFR 1910.133, OSHA eye and face protection regulation, or the European

standard EN 166.

Skin Protection Description: Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.

Respiratory Protection:

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate

Other Protective: Facilities storing or utilizing this material should be equipped with an

eyewash and a deluge shower safety station.

EXPOSURE GUIDELINES

$\underline{\textbf{Dicyclohexylmethane-4,4'-diisocyanate}}:$

Guideline ACGIH: 0.005 ppm TLV-TWA: 0.005 ppm

4,4'-Diphenylmethane diisocyanate:

Guideline ACGIH: 0.005 ppm

TLV-TWA: 0.005 ppm

Guideline OSHA: PEL-Ceiling/Peak: 0.02 ppm

Notes: Only established PEL and TLV values for the ingredients are listed.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liauid.. Color: Clear.

Odor: Slightly musty. Boiling Point: 400°F (204.4°C) Melting Point: Not determined. Specific Gravity: 1.1 @ 77°F Solubility: Insoluble Vapor Density: 8.5 MDI (air = 1)Vapor Pressure: <10 mmHg @68°F

Percent Volatile:

Evaporation Rate: Not determined. Molecular Formula: Mixture Molecular Weight: Mixture

Flash Point: 453°F (233.8°C)

Flash Point Method: Pensky-Martens Closed Cup

Auto Ignition Temperature: Not determined.

VOC Content: 0 g/L Percent Solids by Weight 100

Incompatible Materials:

SECTION 10: STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization: Polymerization may occur under certain conditions.

Conditions to Avoid: Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Moisture and extended exposure over 85 F.

Alcohols, amines, strong bases (alkali, ammonia), acids, metal

compounds, moisture or water. Resin reacts with water to give off carbon

dioxide.

<u>Dicyclohexylmethane-4, 4'-diisocyanate</u>:

RTECS Number: NO9250000

Eye: Eye - Rabbit Standard Draize test.: 100 uL Eye - Rabbit Standard Draize test.: 100 uL/24H

Administration onto the skin - Rabbit : >10 gm/kg [Behavioral -Skin:

Administration onto the skin - Rabbit : >10 gm/kg [Benavioral - Somnolence (general depressed activity) Behavioral - Food intake (animal) Behavioral - Muscle weakness]

Administration onto the skin - Mouse : 220 mg/kg/12D (Intermittent) [Skin and Appendages - Cutaneous sensitization, experimental (After topical exposure) Biochemical - Metabolism (Intermediary) - Other proteins Biochemical - Metabolism (Intermediary) - Effect on inflammation or mediation of inflammation]

inflammation or mediation of inflammation]
Administration onto the skin - Mouse: 2 pph/2W (Intermittent) [Lungs, Thorax, or Respiration - Other changes Immunological Including Allergic - Increase in humoral immune response]
Administration onto the skin - Mouse: 2 pph/4W (Intermittent) [Lungs, Thorax, or Respiration - Other changes Immunological Including Allergic - Increase in humoral immune response]
Administration onto the skin - Mouse: 280 mg/kg/14D (Intermittent) [Immunological Including Allergic - Increase in humoral immune response]

Administration onto the skin - Mouse : 480 mg/kg/28D (Intermittent)

[Lungs, Thorax, or Respiration - Other changes] Administration onto the skin - Rabbit : 500 uL/24H

Oral - Rat LD50: 9900 mg/kg [Behavioral - Food intake (animal) Ingestion:

Gastrointestinal - Hypermotility, diarrhea Liver - Other changes]

$\underline{\textbf{4,4'-Dipheny Imethane diisocyanate}};$

RTECS Number: NQ9350000

Eve: Eve - Rabbit Standard Draize test.: 100 mg

Skin: Administration onto the skin - Mouse : 0.09 pph/2D (Intermittent) [Blood

Other changes Skin and Appendages - Cutaneous sensitization, experimental (After topical exposure)]

Administration onto the skin - Mouse : 220 mg/kg/12D (Intermittent) [Skin and Appendages - Cutaneous sensitization, experimental (After topical exposure) Biochemical - Metabolism (Intermediary) - Other proteins Biochemical - Metabolism (Intermediary) - Effect on inflammation or mediation of inflammation]

Administration onto the skin – Mouse : 2 pph/2W (Intermittent) [Immunological Including Allergic – Increase in humoral immune

response]

Administration onto the skin - Mouse : 2 pph/4W (Intermittent) [Immunological Including Allergic - Increase in humoral immune response]

Administration onto the skin - Mouse : 280 mg/kg/14D (Intermittent) [Immunological Including Allergic - Increase in humoral immune

response]

Administration onto the skin - Rabbit: 500 mg/24H

Inhalation: Inhalation - Rat LC50: 178 mg/m3 [Details of toxic effects not reported

other than lethal dose value]

Ingestion: Oral - Rat LD50: 9200 mg/kg [Behavioral - Somnolence (general

depressed activity) Behavioral - Ataxia Nutritional and Gross Metabolic - Body temperature decrease]

Oral - Mouse LD50: 2200 mg/kg [Details of toxic effects not reported

other than lethal dose value]

Higher oligimers of methane diisocyanate (MDI):

RTECS Number: TR0350000

Eye: Eye - Rabbit Standard Draize test.: 100 mg [mild]

Administration onto the skin - Rabbit LD50 : >9400 mg/kg [Details of Skin:

toxic effects not reported other than lethal dose value]

Inhalation:

Inhalation - Rat LC50 : 490 mg/m3/4H [Sense Organs and Special Senses (Eye) - effect, not otherwise specified Lungs, Thorax, or Respiration - Respiratory depression Blood - Hemorrhage]

Ingestion: Oral - Rat LD50 : 49 gm/kg [Behavioral - Somnolence (general

depressed activity) Gastrointestinal - Hypermotility, diarrhea Nutritional

and Gross Metabolic - Body temperature decrease]

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product. Environmental Fate: No environmental information found for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the

classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or

state and local guidelines.

RCRA Number: None

SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name: Non regulated. DOT UN Number: Non regulated. $\underline{\text{polypropylene glycol-PICM prepolymer}}:$

TSCA Inventory Status: Canada DSL: Listed

<u>Dicyclohexylmethane-4, 4'-diisocyanate</u>: TSCA Inventory Status: Listed

SARA: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

New Jersey: Listed: NJ Hazardous List; Substance Number: 3757

Listed

Listed

Pennsylvania: Listed Canada DSL: Listed $\underline{\textbf{1,1'-Methylenebis (isocyanato)}} \textbf{benzene}:$ TSCA Inventory Status: Listed Canada DSL: Listed 4,4'-Diphenylmethane diisocyanate: TSCA Inventory Status:

Massachusetts:

SARA: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

New Jersey: Listed: NJ Hazardous List; Substance Number: 3757

Massachusetts: Listed Pennsylvania: Listed Canada DSL: Listed

Higher oligimers of methane diisocyanate (MDI):

TSCA Inventory Status: Listed

SARA: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

New Jersey: Listed: NJ Hazardous List; Substance Number: 3757

Canada DSL: Listed

WHMIS Hazard Class(es): D2A; D2B Canadian Regulations.

All components of this product are on the Canadian Domestic Substances

List.

SECTION 16: ADDITIONAL INFORMATION

HMIS Fire Hazard: HMIS Health Hazard: 3* HMIS Reactivity: 1 HMIS Personal Protection:

MSDS Revision Date: 12/30/2012 MSDS Author: Actio Corporation

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