

P.O. Box 4980
The Woodlands, TX 77387-4980

8 am to 5 pm Phone: (800) 257-5547
24-Hour Emergency Phone: (800) 328-8501
International Emergency Phone: (409) 727-0831
Asia Pacific Emergency Phone: (65) 6336-6011

Effective Date: 12/8/10

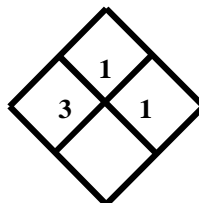
Material Safety Data Sheet

MSDS No: 6250

1. PRODUCT IDENTIFICATION

Trade Name: RenCast 178-88

Chemical Family: Isocyanate



NFPA RATING

Health:	3
Flammability:	1
Reactivity:	1
Personal Protection:	

HMIS RATING

Synonyms:

TDT 178-88 Resin

Intended Use or Product Type: Polyurethane resin

2. COMPOSITION / INFORMATION ON INGREDIENTS

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	4098-71-9	Cyclohexane, 5-Isocyanato-1-(Isocyanatomethyl)-1,3,3-Trimethyl-Isophorone Diisocyanate Common Name: Isophorone Diisocyanate Concentration: 1.00 - 5.00 % by wt	0.005 ppm	NE	NE	0.02 ppm	NE	NR	NR	NR
*	5124-30-1	Cyclohexane, 1,1'-Methylenebis[4-Isocyanato-Hydrogenated MDI Common Name: Hydrogenated MDI Concentration: 10.00 - 30.00 % by wt	0.005 ppm	NE	NE	NE	NE	NR	NR	NR
*	68259-05-2	Benzoic Acid, 3,3'-[(2,5-Dimethyl-1,4-Phenylene)bis[Iminocarbonyl(2-Hydroxy-3,1-Naphthalenediyl)Azo]]bis[4-Methyl-, bis(2-Chloroethyl) Ester Red Pigment Common Name: Red Pigment Concentration: 1.00 - 3.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	119185-07-8	Polymer of Polytetramethylene Glycol and EO Capped Polyether Polyol with Isophorone Diisocyanate and Hydrogenated MDI Common Name: Cycloaliphatic diisocyanate prepolymer	NE	NE	NE	NE	NE	NR	NR	NR



Effective Date: 12/8/10

Concentration	60.00 - 90.00 % by wt								
---------------	-----------------------	--	--	--	--	--	--	--	--

NE = Not Established NR = Not Reviewed * = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION

Emergency Overview: WARNING!!! Contains organic isocyanate. Causes severe eye and skin irritation and possible eye burns. Vapor or mist harmful if inhaled. Can cause allergic respiratory and skin reaction. Harmful if swallowed.

Primary Route(s) of Entry: Dermal; heated product may produce inhalable vapors.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes. Seek immediate medical attention.

Inhalation: Remove to fresh air. Seek immediate medical attention.

Eyes: Immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention.

Overexposure Effects: Contact with liquid causes eye and skin irritation. If inhaled causes breathlessness, chest discomfort, and reduced pulmonary function. May cause allergic skin and respiratory reactions in some individuals, leading to asthma type spasms of the bronchial tubes and difficulty in breathing.

Medical Conditions Aggravated by Exposure: Persons with asthmatic-type conditions, chronic bronchitis, other chronic respiratory diseases, eye conditions or recurrent skin eczema or sensitization should be excluded from working with isocyanates.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

5. FIRE FIGHTING MEASURES

Flash Point:	> 149°C (> 300 °F)
Flash Point Method Used:	Estimated
Flammable Limits in Air (Lower - % by volume):	Not established
Flammable Limits in Air (Upper - % by volume):	Not established

Fire Fighting Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Fire Fighting Equipment: Use self-contained breathing apparatus.

Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

6. ACCIDENTAL RELEASE MEASURES

Effective Date: 12/8/10

Accidental Release Measures: Remove spillage by absorbing in absorbent material.

7. HANDLING AND STORAGE

Signal Word: Warning!

Precautions: Causes irritation if inhaled and can cause skin irritation, eye irritation, allergic respiratory reaction, and allergic skin reaction. Can be harmful if inhaled and may be harmful if swallowed. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Avoid tasting or swallowing. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin Protection: Wear impermeable gloves.

Respiratory Protection: If a person is concerned with exposure to isocyanates, an organic respirator can provide protection at less than the TLV. It is not a requirement at an exposure level less than the TLV. For exposures in excess of the TLV, an air supplied respirator would be required. Conditions that may create exposures above the TLV are spray applications, the material being strongly heated in excess of 125F before application, or the use of material in poorly ventilated areas.

Eye Protection: Wear splash-proof chemical goggles.

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Red
Physical State:	Liquid
Solubility in Water:	Reacts with water
Vapor Pressure:	Not Determined
Specific Gravity:	1.05 (water = 1)
Boiling Point:	Not Determined
Melting Point:	Not Determined
Evaporation Rate:	Not Evaluated
Density:	Not Evaluated
Vapor Density:	> 1 (Air = 1)
VOC:	Negligible
pH:	Not Evaluated
Coefficient of water/oil:	Not Evaluated

10. STABILITY AND REACTIVITY

Conditions to Avoid: Excessive heat for prolonged periods of time.

Stability: Stable.

Incompatibility: Strong oxidizers, acids and bases.

Effective Date: 12/8/10

Hazardous Decomposition Products: Combustion may form toxic materials, such as carbon dioxide, carbon monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral Effects (LD50): Component(s) are slightly toxic, 500 - 5000 mg/kg (rat).
Isophorone diisocyanate= 4814 mg/kg (rat)

Inhalation Toxicity (LC50): Component(s) are toxic, 2 - 20 mg/l or 200 - 2000 ppm.

Acute Inhalation Exposure Effects: Respiratory irritant.

Sensitization: May cause allergic skin reaction and respiratory sensitivity in some people.

Skin Irritation: Irritant.

Eye Irritation: Irritant.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

14. TRANSPORT INFORMATION

DOT: Non-Bulk

Proper Shipping Name: Not Regulated

IATA: Non-Bulk

Proper Shipping Name: Not Regulated

IMDG: Non-Bulk

Proper Shipping Name: Not Regulated

TDG: Non-Bulk

Proper Shipping Name: Not Regulated

15. REGULATORY INFORMATION

US Federal Regulations:

Occupational Safety and Health Act (OSHA): This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Resource Conservation and Recovery Act (RCRA): Not specifically listed as hazardous waste under RCRA (40 CFR 261). However, it is strongly recommended that compound be treated as a hazardous waste and disposed of accordingly.

Effective Date: 12/8/10

SARA Title III: Section 304 - CERCLA: This product does not contain any chemicals regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification ("CERCLA" List).

SARA Title III: Section 313 Toxic Chemical List (TCL): This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material.

Chemical Name: Cyclohexane, 1,1'-Methylenebis[4-Isocyanato-
Common Name: Hydrogenated MDI
Percent in Composition: 10 - 30 % by wt
Comment:

Chemical Name: Cyclohexane, 5-Isocyanato-1-(Isocyanatomethyl)-1,3,3-Trimethyl-
Common Name: Isophorone Diisocyanate
Percent in Composition: 1 - 5 % by wt
Comment:

TSCA Section 8(b) - Inventory Status: All chemical components of this product are in compliance with TSCA inventory requirements.

TSCA Section 12(b) - Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

International Regulations:

Canadian Inventory Status: All components in this product are included on the Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

Canadian WHMIS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. D2A D2B

European Inventory Status (EINECS): This product contains one or more chemicals currently not on the European Inventory of Existing Commercial Chemical Substances (EINECS) or Pre-market notified.

Japanese Inventory Status: This product contains one or more chemicals currently not on the Japanese Ministry of International Trade and Industry List of Existing and New Chemical Substances.

State Regulations:

California Proposition 65: This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: Polymer of Polytetramethylene Glycol and EO Capped Polyether Polyol with Isophorone Diisocyanate and Hydrogenated MDI
Common Name: Cycloaliphatic diisocyanate prepolymer
CAS Number: 119185-07-8
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Cyclohexane, 1,1'-Methylenebis[4-Isocyanato-
Common Name: Hydrogenated MDI
CAS Number: 5124-30-1

Effective Date: 12/8/10

Comment: Hazardous Substance

Chemical Name: Cyclohexane, 5-Isocyanato-1-(Isocyanatomethyl)-1,3,3-Trimethyl-

Common Name: Isophorone Diisocyanate

CAS Number: 4098-71-9

Comment: Environmental Hazardous Substance

16. OTHER INFORMATION

MSDS No: 6250
Reason Issued: 12/10 update
Title: EHS Chemist

Other Information: CLW (C10020030) [C01]

Disclaimer: The information and recommendations contained herein are based upon tests in controlled laboratory conditions, are believed to be correct, and are provided for the sole purpose of hazard communication as part of Huntsman's product safety program. This product has not been tested for, and therefore is not recommended or suitable for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended or likely, or for uses for which implantation within the human body is intended, and Huntsman assumes no liability for any such uses.

The information and recommendations contained herein are not intended to constitute performance information concerning the product, which is available in separate technical data sheets available from Huntsman upon request. Users are urged, and are urged to urge others who may come in contact with the product, to obtain and consult data sheets prior to purchase, use, transportation or storage of the product.

HUNTSMAN MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. HUNTSMAN'S LIABILITY IS STRICTLY LIMITED TO REIMBURSEMENT OF BUYER'S PURCHASE PRICE, OR IN HUNTSMAN'S DISCRETION REPLACEMENT, OF THE PRODUCT IN RESPECT OF WHICH SUCH CLAIM IS MADE. HUNTSMAN'S LIABILITY IS STRICTLY LIMITED BY LEGAL NOTICES IN TECHNICAL DATA SHEETS, PRODUCT LITERATURE, AND/OR SALE DOCUMENTS. The foregoing DISCLAIMERS and LIMITATION OF LIABILITY supercede inconsistent or contradictory provisions in Buyer's documents.

USER SHOULD CONSULT A LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENTAL AGENCY TO DETERMINE THE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT. HUNTSMAN DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS.

NO PERSON OR ORGANIZATION EXCEPT A DULY AUTHORIZED HUNTSMAN EMPLOYEE IS AUTHORIZED TO PROVIDE OR MAKE AVAILABLE DATA SHEETS FOR HUNTSMAN PRODUCTS. DATA SHEETS FROM UNAUTHORIZED SOURCES MAY CONTAIN INFORMATION THAT IS NO LONGER CURRENT OR ACCURATE. NO PART OF THIS DATA SHEET MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM, OR BY ANY MEANS, WITHOUT PERMISSION IN WRITING FROM HUNTSMAN. ALL REQUESTS FOR PERMISSION TO REPRODUCE MATERIAL FROM THIS DATA SHEET SHOULD BE DIRECTED TO HUNTSMAN, MANAGER, PRODUCT SAFETY AT THE ABOVE ADDRESS.

P.O. Box 4980
The Woodlands, TX 77387-4980

8 am to 5 pm Phone: (800) 257-5547
24-Hour Emergency Phone: (800) 328-8501
International Emergency Phone: (409) 727-0831
Asia Pacific Emergency Phone: (65) 6336-6011

Effective Date: 6/22/10

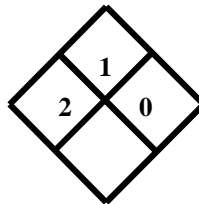
Material Safety Data Sheet

MSDS No: 6131

1. PRODUCT IDENTIFICATION

Trade Name: Ren 6444

Chemical Family: Amine Based Polyol



NFPA RATING

Health:	2*
Flammability:	1
Reactivity:	0
Personal Protection:	

HMIS RATING

Synonyms:

LST 8286 Hardener
RP 6444 Hardener

Intended Use or Product Type: Amine based polyol hardener for polyurethane system

2. COMPOSITION / INFORMATION ON INGREDIENTS

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	19900-65-3	Benzenamine, 4,4'-methylenebis[2-ethyl- Common Name: 4,4'-diethyl MDA Concentration: 30.00 - 60.00 % by wt	NE	NE	NE	NE	TWA 0.08 mg/m3	NR	NR	NR
*	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester Dibutyl phthalate Concentration: 30.00 - 60.00 % by wt	5 mg/m3	NE	5 mg/m3	NE	NE	NR	NR	NR

NE = Not Established NR = Not Reviewed * = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION

Emergency Overview: CAUTION !
MAY BE HARMFUL IF ABSORBED THROUGH SKIN OR IF SWALLOWED.
MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
A POSSIBLE ANIMAL CARCINOGEN AND SHOULD BE TREATED WITH CAUTION



Effective Date: 6/22/10

Primary Route(s) of Entry: Dermal; heated product may produce inhalable vapors.

Carcinogenicity (NTP, IARC, OSHA): Contains DeMDA which is a possible animal carcinogen and should be treated with caution.

Chronic: Prolonged or repeated exposure can cause liver and kidney damage, central nervous system effects and blood abnormalities. Repeated overexposure may cause delayed and serious injury. May cause birth defects and reproductive disorders. Substance can cause allergic reaction.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes. Seek immediate medical attention.

Inhalation: Remove to fresh air. Seek immediate medical attention.

Eyes: Immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention.

Overexposure Effects: Causes irritation if inhaled and can cause skin irritation, eye irritation, and allergic skin reaction. May be harmful if swallowed.

Medical Conditions Aggravated by Exposure: Skin, eye and pulmonary conditions.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

5. FIRE FIGHTING MEASURES

Flash Point:	> 360°F (> 182 °C)
Flash Point Method Used:	Estimated
Flammable Limits in Air (Lower - % by volume):	Not established
Flammable Limits in Air (Upper - % by volume):	Not established

Fire Fighting Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Fire Fighting Equipment: Use self-contained breathing apparatus.

Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Remove spillage by absorbing in absorbent material.

7. HANDLING AND STORAGE

Signal Word: Warning!

Effective Date: 6/22/10

Precautions: Causes irritation if inhaled and can cause skin irritation, eye irritation, and allergic skin reaction. May be harmful if swallowed. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Avoid tasting or swallowing. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling. Notice! Overexposure may have effects on liver.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment: Wear appropriate protective equipment to avoid personal contact and exposure.

Exposure Guidelines: Treat this product as if regulated under OSHA standard: MDA, 29 CFR 1910.1050. This standard has many provisions which are beyond the scope of this MSDS to include in its entirety.

These provisions include medical surveillance and recordkeeping, emergency procedures plan, area regulation, respiratory protection and training. This MSDS contains a summary of the requirements for safe handling; we advise consulting the OSHA standard governing MDA before/during the development of a plan to handle this material in accordance with the regulation

Skin Protection: Wear neoprene gloves for intermittent contact. Wear Silver Shield gloves when long term exposure is expected.

Wear full coverage garment if bodily contact is possible, disposable is preferred. Contaminated clothing and equipment must be removed before leaving a regulated area. No contaminated clothing can be removed from the change room except for disposal or laundering and must be stored and transported in closed containers with labels warning of the hazards of DeMDA. Laundry service must be informed of the hazards if handling contaminated clothing.

Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Wear a NIOSH/MSHA-approved full-face organic vapor cartridge respirator when vapor/mist exposure is expected. If handling a solid, add a particulate filter to the respirator. If handling in molten form, add protection against acid gases.

Eye Protection: Chemical safety goggles. If there is potential for splash, use a full face shield.

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below the TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
Odor:	Sweet
Physical State:	Liquid
Solubility in Water:	Slight
Vapor Pressure:	Not Determined
Specific Gravity:	1.06 (water = 1)
Boiling Point:	Not Determined
Evaporation Rate:	Not Determined
Vapor Density:	Not Determined
VOC:	0
pH:	Not Determined
Coefficient of water/oil:	Not Determined

Percent Volatile: Negligible.

10. STABILITY AND REACTIVITY

Effective Date: 6/22/10

Conditions to Avoid: Excessive heat for prolonged periods of time.

Stability: Stable.

Incompatibility: Strong oxidizers, acids and bases.

Hazardous Decomposition Products: Combustion may form toxic materials, such as carbon dioxide, carbon monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral Effects (LD50): Component(s) are slightly toxic, 500 - 5000 mg/kg (rat).
4,4'-diethyl MDA= 742 mg/kg (rat)

Acute Inhalation Exposure Effects: Respiratory irritant.

Sensitization: Possible in susceptible individuals.

Carcinogenicity: Contains DeMDA which is a possible animal carcinogen and should be treated with caution.

Skin Irritation: Irritant.

Eye Irritation: Irritant.

Mutagenicity: Test for Benzenamine, 4,4'-methylenebis[2-ethyl-:

Ames Test - inactive without S9 and active with S9 activation

BALB/C3T3 Transformation Assay - inactive

BALB/C3T3 Transformation Assay with S9 activation - inactive

Chinese Hamster Ovary HGPRT Assay with activation - negative

Chinese Hamster Ovary Chromosomal Aberration:

without S9 activation - negative

with S9 activation - positive

Rat Hepatocyte DNA Repair Assay - positive

In Vitro Liver Microsome N-Hydroxylation Assay - positive

Chronic Exposure Effects: For Benzenamine, 4,4'-methylenebis[2-ethyl-:

There is experimental evidence that analogous substances have caused tumors in rodents.

Analogous substances have caused damage to liver and thyroid in test animals.

Additional Information: This product contains dibutyl phthalate which may cause adverse reproductive effects in laboratory animals. The relevance to humans is not known.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

Effective Date: 6/22/10

14. TRANSPORT INFORMATION**DOT: Non-Bulk**

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Shipping Name (If n.o.s.): Dibutyl phthalate, Diethyl methylene dianiline
Hazard Class: 9
ID Number: UN 3082
Packing Group: PG III
Label: Miscellaneous
Marine Pollutant: Marine Pollutant

IATA: Non-Bulk

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Shipping Name (If n.o.s.): Dibutyl phthalate, Diethyl methylene dianiline
Hazard Class: 9
ID Number: UN 3082
Packing Group: PG III
Marine Pollutant: Marine Pollutant

IMDG: Non-Bulk

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Shipping Name (If n.o.s.): Dibutyl phthalate, Diethyl methylene dianiline
Hazard Class: 9
ID Number: UN 3082
Packing Group: PG III
Label: Miscellaneous
Marine Pollutant: Marine Pollutant

TDG: Non-Bulk

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Shipping Name (If n.o.s.): Dibutyl phthalate, Diethyl methylene dianiline
Hazard Class: 9
ID Number: UN 3082
Packing Group: PG III
Label: Miscellaneous
Marine Pollutant: Marine Pollutant

15. REGULATORY INFORMATION**US Federal Regulations:**

Occupational Safety and Health Act (OSHA): This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 304 - CERCLA: This product contains the following chemicals regulated under Section 304 (40 CFR 302) as hazardous substance(s) for emergency release notification ("CERCLA" List):

Chemical Name: 1,2-Benzenedicarboxylic acid, dibutyl ester
 Common Name: Dibutyl phthalate
 CAS Number: 84-74-2
 Percent in Composition: 30 - 60 % by wt
 Component RQ: 10

Printed: 7/22/2010

Page 5 of 7

Distributed By
 Freeman Manufacturing & Supply Co.
 www.freemansupply.com 800-321-8511



Effective Date: 6/22/10

SARA Title III: Section 313 Toxic Chemical List (TCL): This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material.

Chemical Name: 1,2-Benzenedicarboxylic acid, dibutyl ester
Common Name: Dibutyl phthalate
Percent in Composition: 30 - 60 % by wt
Comment: 1%

TSCA Section 8(b) - Inventory Status: All chemical components of this product are in compliance with TSCA inventory requirements.

TSCA Section 12(b) - Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

International Regulations:

Australian Inventory Status: This product contains only chemicals which are currently listed on the Australian Inventory of Chemical Substances.

Canadian Inventory Status: This product contains only chemicals that are currently listed on the Canadian Domestic Substance List.

Canadian WHMIS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. D2A, D2B

European Inventory Status (EINECS): This product contains only chemicals that are currently listed on the European Inventory of Existing Commercial Chemical Substances (EINECS).

Japanese Inventory Status: This product contains only chemicals currently listed on the Japanese Ministry of International Trade and Industry List of Existing and New Chemical Substances.

State Regulations:

California Proposition 65: The following is required composition information. This product contains the following chemical(s) which are currently listed on the California list of Known Carcinogens and Reproductive Toxins:

Chemical Name: 1,2-Benzenedicarboxylic acid, dibutyl ester
Common Name: Dibutyl phthalate
CAS Number: 84-74-2
Percent in Composition: 30 - 60 % by wt
Comment: Warning! This chemical is known to the State of California to cause birth defects or other reproductive harm.

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: 1,2-Benzenedicarboxylic acid, dibutyl ester
Common Name: Dibutyl phthalate
CAS Number: 84-74-2
Comment: Environmental Hazardous Substance

Chemical Name: Benzenamine, 4,4'-methylenebis[2-ethyl]-
Common Name: 4,4'-diethyl MDA

Effective Date: 6/22/10

CAS Number: 19900-65-3

Comment: Not on Pennsylvania Hazardous Substance List

16. OTHER INFORMATION

MSDS No: 6131
Reason Issued: 6/10 update -9/08 update dot- 3/08 update
DeMDA warning
Approved By: Matt Austin
Title: EHS Chemist

Other Information: DLW/Demda/KLCBT/CA2 (D14421232) [DE7]

Disclaimer: The following supercedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.