

Safety Data Sheet: WEAR-FLEX QUICK MIX 2500PART A

Supersedes Date 01/04/2005

Issuing Date 05/22/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name WEAR-FLEX QUICK MIX 2500PART A

Recommended use Polyurethane Coating

Information on Manufacturer

Mega Metals, Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code 57572501

Chemical nature Polymers

Emergency Telephone Number

CHEMTREC® 800-424-9300

2. HAZARD IDENTIFICATION

Color black

Physical State Liquid

Odor Slight Aromatic

GHS

Classification

Physical Hazards

None

Health Hazard

Acute Oral Toxicity

Acute Inhalation Toxicity - Gas

Acute Inhalation Toxicity - Dusts and Mists

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Respiratory Sensitization

Skin Sensitization

Carcinogenicity

Specific target organ systemic toxicity (single exposure)

Acute Aquatic Toxicity

Category 5

Category 1

Category 4

Category 2

Category 2A

Category 1

Category 1

Category 2

Category 3

Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H303 - May be harmful if swallowed

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H330 - Fatal if inhaled

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H351 - Suspected of causing cancer

H401 - Toxic to aquatic life

Precautionary Statements

P201 - Obtain special instructions before use

P260 - Do not breathe mist, vapor or gas

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P271 - Use in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace

P273 - Avoid release to the environment

P280 - Wear protective gloves, protective clothing and eye protection.

P281 - Use personal protective equipment as required

P285 - In case of inadequate ventilation wear respiratory protection

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P202 - Do not handle until all safety precautions have been read and understood

P320 - Specific treatment is urgent (see mist, vapor or gas on this label)

P321 - Specific treatment (see supplemental first aid instructions on this label)

P310 - Immediately call a physician

P362 - Take off contaminated clothing and wash before reuse

P363 - Wash contaminated clothing before reuse

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P304 + P341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 - IF exposed or concerned: Get medical attention/advice

P333 + P313 - If skin irritation or rash occurs, get medical attention

P337 + P313 - If eye irritation persists, get medical attention.

P342 + P311 - If experiencing respiratory symptoms, call a physician

P405 - Store locked up

P501 - Dispose of contents and container to an approved waste disposal plant.

64.5 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Polyurethane prepolymer	67837-35-8	40-70
Methylene bis(4-cyclohexylisocyanate)	5124-30-1	15-40
Methylene bisphenol isocyanate (MDI)	101-68-8	5-10
1,1-diphenylmethane diisocyanate polymer	39310-05-9	1-5
Carbon Black	1333-86-4	.05-.5
Methylenediphenyl diisocyanate	26447-40-5	.1-1

4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing. Do not breathe vapors, mist or gas. Keep container closed. Use only with adequate ventilation.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Consult a physician.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	> 290 °F / > 143 °C	Method	Tag closed cup
Flammability Limits in Air %	Not applicable.	Upper	No data available
Suitable Extinguishing Media	Foam. Water spray. Carbon dioxide (CO ₂). Dry chemical.	Lower	No data available
Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating gases and vapors. Material can create slippery conditions.		
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
NFPA	Health 2	Flammability 1	Instability 1
HMIS	Health 2	Flammability 1	Instability 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. Evacuate personnel to safe areas.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). If possible, turn leaking containers so that gas escapes rather than liquid. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Transport to well ventilated area and treat with neutralizing solution: mixture of 80% water and 20% non-ionic surfactant Tergitol TMN-10; or 90% water, 3-8% concentrated ammonia and 2% detergent. Add about 10 parts of neutralizer per part of isocyanate, with mixing. Allow substance to evaporate.
Methods for Cleaning Up	Soak up with inert absorbent material.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid breathing vapors, mist or gas.			
Storage	Store in original container. Keep container tightly closed in a dry and well-ventilated place. Keep containers tightly closed in a cool, well-ventilated place. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Storage Temperature	Minimum	65 °F / 18 °C	Maximum	85 °F / 29 °C
Storage Conditions	Indoor	X	Outdoor	
			Heated	Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Polyurethane prepolymer	No data available	No data available	No data available
Methylene bis(4-cyclohexylisocyanate)	TWA: 0.005 ppm	No data available	Ceiling: 0.01 ppm Ceiling: 0.11 mg/m ³
Methylene bisphenol isocyanate (MDI)	TWA: 0.005 ppm	Ceiling: 0.02 ppm Ceiling: 0.2 mg/m ³	IDLH: 75 mg/m ³ Ceiling: 0.020 ppm Ceiling: 0.2 mg/m ³ TWA: 0.005 ppm TWA: 0.05 mg/m ³
1,1-diphenylmethane diisocyanate polymer	No data available	No data available	No data available
Carbon Black	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³
Methylenediphenyl diisocyanate	No data available	Ceiling: 0.02 ppm Ceiling: 0.2 mg/m ³	No data available

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use NIOSH approved respiratory protection.

General Hygiene Considerations

Remove and wash contaminated clothing before re-use. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Viscous
Color	black	Odor	Slight Aromatic
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	1.056
Evaporation Rate	>1	Percent Volatile (Volume)	<1
VOC Content (%)	No information available	VOC Max Use Dilution (g/L)	<5g/L
VOC Content (g/L)	<10g/L	Vapor Pressure	0.000004 mmHg @ 68°F
Vapor Density	>1	Solubility	Negligible
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Boiling Point/Range	> 400 °F / 204 °C
Flammability (solid, gas)	No data available	Method	Tag closed cup
Flash Point	> 290 °F / > 143 °C		
Autoignition Temperature	No data available		
Flammability Limits in Air %	Not applicable.	Upper	No data available
		Lower	No data available

10. STABILITY AND REACTIVITY

Chemical Stability
Conditions to Avoid

Hazardous polymerization does not occur. Stable.
Keep away from open flames, hot surfaces, and sources of ignition, Protect from water, Extremes of temperature and direct sunlight, Stable under recommended storage conditions.

Incompatible Products

Hazardous Decomposition Products

Strong oxidizing agents, Water, Strong bases, Alcohols, Alkyl sulfides.
Thermal decomposition can lead to release of irritating gases and vapors, Aldehydes, Isocyanides, Carbon oxides, Hydrogen cyanide, Nitrogen oxides (NOx).

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Eye contact, Inhalation, Skin contact.
Primary Routes of Entry	None known
Acute Effects	
Eyes	Severe eye irritant.
Skin	Causes severe irritation seen as redness, itching, and a burning sensation.
Inhalation	(Mist). May cause irritation of respiratory tract. May cause allergic respiratory reaction.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Prolonged or repeated inhalation may cause damage to the lungs. May cause allergic respiratory reaction. May cause allergic skin reaction.
Target Organ Effects	Respiratory system, Skin.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Polyurethane prepolymer	no data available	no data available	no data available	no data available	no data available
Methylene bis(4-cyclohexylisocyanate)	= 1065 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	= 0.434 mg/L (Rat) 4 h = 295 ppm (Rat) 4 h	no data available	no data available
Methylene bisphenol isocyanate (MDI)	= 9200 mg/kg (Rat)	no data available	no data available	no data available	no data available
1,1-diphenylmethane diisocyanate polymer	no data available	no data available	no data available	no data available	no data available
Carbon Black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	no data available	no data available	no data available
Methylenediphenyl diisocyanate	> 7400 mg/kg (Rat)	> 6200 mg/kg (Rabbit)	= 0.369 mg/L (Rat) 4 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Polyurethane prepolymer	no data available	no data available	no data available	no data available	no data available
Methylene bis(4-cyclohexylisocyanate)	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
Methylene bisphenol isocyanate (MDI)	no data available	no data available	no data available	no data available	eyes, respiratory system
1,1-diphenylmethane diisocyanate polymer	no data available	no data available	no data available	no data available	no data available
Carbon Black	no data available	no data available	no data available	no data available	eyes, respiratory system
Methylenediphenyl diisocyanate	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Polyurethane prepolymer	not applicable	not applicable	not applicable	not applicable	not applicable
Methylene bis(4-cyclohexylisocyanate)	not applicable	not applicable	not applicable	not applicable	not applicable
Methylene bisphenol isocyanate (MDI)	not applicable	not applicable	not applicable	not applicable	not applicable
1,1-diphenylmethane diisocyanate polymer	not applicable	not applicable	not applicable	not applicable	not applicable
Carbon Black	A3	Group 2B	not applicable	X	not applicable
Methylenediphenyl diisocyanate	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Polyurethane prepolymer	no data available	no data available	no data available	no data available	N/A
Methylene bis(4-cyclohexylisocyanate)	no data available	LC50 = 1.2 mg/L Brachydanio rerio 96 h LC50 1.2 - 2.76 mg/L Brachydanio rerio 96 h	no data available	no data available	N/A
Methylene bisphenol isocyanate (MDI)	no data available	no data available	no data available	no data available	N/A
1,1-diphenylmethane diisocyanate polymer	no data available	no data available	no data available	no data available	N/A
Carbon Black	no data available	no data available	no data available	EC50> 5600 mg/L 24 h	N/A
Methylenediphenyl diisocyanate	EC50 = 3230 mg/L Skeletonema costatum 96 h	no data available	no data available	EC50> 1000 mg/L 24 h	4.5

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of as hazardous waste in compliance with local and national regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated
 TDG Not regulated
 ICAO Not regulated
 IATA Not regulated
 IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies
U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Methylene bis(4-cyclohexylisocyanate)	5124-30-1	15-40	1.0
Methylene bisphenol isocyanate (MDI)	101-68-8	5-10	1.0
Methylenediphenyl diisocyanate	26447-40-5	.1-1	1.0

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	Yes

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Polyurethane prepolymer	Not applicable	Not applicable
Methylene bis(4-cyclohexylisocyanate)	Not applicable	Not applicable
Methylene bisphenol isocyanate (MDI)	5000 lb	Not applicable
1,1-diphenylmethane diisocyanate polymer	Not applicable	Not applicable
Carbon Black	Not applicable	Not applicable
Methylenediphenyl diisocyanate	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65 This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Carbon Black	1333-86-4	carcinogen

16. OTHER INFORMATION

Prepared By Christopher Drogin
Supersedes Date 01/04/2005
Issuing Date 05/22/2013
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

Mega Metals,Partsmaster,Div of NCH Corp.assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this MSDS is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Material Safety Data Sheet: WEAR-FLEX QUICK MIX 2500PART B

Supersedes Date 01/04/2005

Issuing Date 05/22/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name WEAR-FLEX QUICK MIX 2500PART B

Recommended use Polyurethane Coating

Information on Manufacturer

Mega Metals, Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code 57572502

Chemical nature Polymers

Emergency Telephone Number

CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING

May cause eye irritation

May cause skin irritation

May cause allergic skin reaction

May be harmful if inhaled

Keep out of reach of children

Color Gray

Physical State Liquid

Odor Slight Amine-like

Potential Health Effects

Principle Route of Exposure

Primary Routes of Entry

Eye contact, Skin contact, Inhalation.

None known

Acute Effects

Eyes

Moderately irritating to the eyes.

Skin

May cause skin irritation.

Inhalation

May cause irritation of respiratory tract. (Mist).

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Target Organ Effects

Respiratory system, Kidney, Liver.

Aggravated Medical Conditions

Skin disorders, Respiratory disorders, Kidney disorders, Liver disorders.

Potential Environmental Effects

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Polyether PolyI	9082-00-2	40-70
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	106264-79-3	7-13
Propoxylated trimethylolpropane	25723-16-4	7-13
Diethyltoluenediamine	68479-98-1	7-13
m-Xylene-alpha,alpha-diamine	1477-55-0	1-5

4. FIRST AID MEASURES

General advice

Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention. Wash contaminated clothing before re-use.

Inhalation

Move to fresh air. Get medical attention if symptoms occur.

Ingestion

If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point > 290 °F / > 143 °C

Method

Tag closed cup

Autoignition Temperature No information available.

Upper No data available

Lower No data available

Suitable Extinguishing Media

Dry chemical. Foam. Carbon dioxide (CO2). Water spray.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapors. Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health 2	Flammability 1	Instability 1
HMIS	Health 2	Flammability 1	Instability 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions. Prevent further leakage or spillage if safe to do so. Use personal protective equipment.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)
Methods for Cleaning Up	Soak up with inert absorbent material.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.			
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep containers tightly closed in a cool, well-ventilated place.			
Storage Temperature	Minimum	65 °F / 18 °C	Maximum	85 °F / 29 °C
Storage Conditions	Indoor	X	Outdoor	
			Heated	
				Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Polyether Polyl	No data available	No data available	No data available
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	No data available	No data available	No data available
Propoxylated trimethylolpropane	No data available	No data available	No data available
Diethyltoluenediamine	No data available	No data available	No data available
m-Xylene-alpha,alpha-diamine	Skin Ceiling: 0.1 mg/m ³	No data available	Ceiling: 0.1 mg/m ³

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

Nitrile rubber, Solvent-resistant gloves (butyl-rubber).

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use NIOSH approved respiratory protection.

General Hygiene Considerations

Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. When using, do not eat, drink, or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	1.237 centipoise
Color	Gray	Odor	Slight Amine-like
Appearance	Textured black paste	pH	Not applicable
Specific Gravity	1.035	Evaporation Rate	<1
Percent Volatile (Volume)	<1	VOC Content (%)	No information available
VOC Max Use Dilution (g/L)	10 g/l	VOC Max Use Dilution (wt%)	5 g/l
Vapor Pressure	Not applicable	Vapor Density	>1
Solubility	Negligible	Boiling Point/Range	410 °F / 210 °C

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable. Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from open flames, hot surfaces, and sources of ignition, Extremes of temperature and direct sunlight.

Incompatible Products

Strong acids and oxidizing agents

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors, Nitrogen oxides (NOx), Carbon oxides, Ammonia.

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Polyether PolyI	> 10 g/kg (Rat)	> 5 g/kg (Rabbit)	no data available	no data available	no data available
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	no data available	no data available	no data available	no data available	no data available
Propoxylated trimethylolpropane	no data available	no data available	no data available	no data available	no data available
Diethyltoluenediamine	= 472 mg/kg (Rat)	no data available	no data available	no data available	no data available
m-Xylene-alpha,alpha-diamine	= 930 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	= 700 ppm (Rat) 1 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Polyether PolyI	no data available	no data available	no data available	no data available	no data available
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	no data available	no data available	no data available	no data available	no data available
Propoxylated trimethylolpropane	no data available	no data available	no data available	no data available	no data available
Diethyltoluenediamine	no data available	no data available	no data available	no data available	no data available
m-Xylene-alpha,alpha-diamine	no data available	no data available	no data available	no data available	eyes,kidneys,liver,respiratory system,skin

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Polyether PolyI	not applicable	not applicable	not applicable	not applicable	not applicable
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	not applicable	not applicable	not applicable	not applicable	not applicable
Propoxylated trimethylolpropane	not applicable	not applicable	not applicable	not applicable	not applicable
Diethyltoluenediamine	not applicable	not applicable	not applicable	not applicable	not applicable
m-Xylene-alpha,alpha-diamine	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Polyether PolyI	no data available	no data available	no data available	no data available	N/A
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	no data available	no data available	no data available	no data available	N/A
Propoxylated trimethylolpropane	no data available	no data available	no data available	no data available	N/A
Diethyltoluenediamine	no data available	no data available	no data available	no data available	N/A
m-Xylene-alpha,alpha-diamine	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of as hazardous waste in compliance with local and national regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA Complies

DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Polyether PolyI	Not applicable	Not applicable
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis (methylthio)-	Not applicable	Not applicable
Propoxylated trimethylolpropane	Not applicable	Not applicable
Diethyltoluenediamine	Not applicable	Not applicable
m-Xylene-alpha,alpha-diamine	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By Christopher Drogin

Supersedes Date 01/04/2005

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Reason for Revision No information available.

Glossary No information available.

List of References. No information available.

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