Safety Data Sheet FLEXI-FILL RTU, M/M PART B

Supercedes Date 04/09/2013 **Issuing Date** 08/11/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name FLEXI-FILL RTU, M/M PART B
Recommended use Patching compound
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 4166B
Chemical nature Isocyanates
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Gray **Physical state** liquid **Odor** Slight amine

GHS
Classification
Physical Hazards
None

Health Hazard

Acute Oral Toxicity	Category 4
Acute Dermal Toxicity	Category 4
Serious Eye Damage/Eye Irritation	Category 2A
Skin sensitization	Category 1B
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
WARNING

Hazard statements
H312 - Harmful in contact with skin
H319 - Causes serious eye irritation
H317 - May cause an allergic skin reaction
H302 - Harmful if swallowed
H351 - Suspected of causing cancer
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves, protective clothing and eye protection.
P272 - Contaminated work clothing should not be allowed out of the workplace
P270 - Do not eat, drink or smoke when using this product.
P260 - Do not breathe mist
P264 - Wash face, hands and any exposed skin thoroughly after handling
P363 - Wash contaminated clothing before reuse
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs, get medical attention
P362 - Take off contaminated clothing and wash before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists, get medical attention.
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P308 + P313 - IF exposed or concerned, get medical attention
P501 - Dispose of contents and container in accordance with applicable local regulations.

7 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Diethyltoluenediamine	68479-98-1	60-100
1,3-Benzenediamine, 4-methyl-2,6-bis(methylthio)-	102093-68-5	5-10
1,3-Benzenediamine, 2(or 4)-methyl-4,6(or 2,6)-bis(methylthio)-	106264-79-3	5-10
Titanium dioxide	13463-67-7	3-7
Zeolite	1318-02-1	0.1-1
Stannane dimethylbis[(1-oxoneodecyl)oxy]-	68928-76-7	0.1-1
Carbon Black	1333-86-4	0.1-1
2-Pyrrolidinone, 1-ethyl	2687-91-4	0.1-1

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact Remove immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point > 212 °F / > 100 °C **Method** Seta closed cup

Flammability Limits in Air %: No information available. **Upper:** No data available **Lower:** No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

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

NFPA	**Health** 2	**Flammability** 1	**Instability** 0
HMIS	**Health** 2	**Flammability** 1	**Instability** 0

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.

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 Pick up and transfer to properly labeled containers.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture.

Storage Temperature **Minimum** 40 °F / 4 °C **Maximum** 95 °F / 35 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Titanium dioxide	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust	5000 mg/m^3
Carbon Black	TWA: 3 mg/m^3 inhalable fraction	TWA: 3.5 mg/m^3	1750 mg/m^3 TWA: 3.5 mg/m^3 TWA: 0.1 mg/m^3

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
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.
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. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid	**Viscosity**	Slight viscous
Color	Gray	**Odor**	Slight amine
Odor Threshold	Not applicable	**Appearance**	Opaque
pH	Not applicable	**Specific Gravity**	1.04
Evaporation Rate	No data available	**Percent Volatile (Volume)**	0
VOC Content (%)	0	**VOC Content (g/L)**	0
Vapor Pressure	No information available	**Vapor Density**	No information available
Solubility	Slightly soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	> 500 °F / 260 °C	**Flammability (solid, gas)**	No data available
Flash Point	> 212 °F / > 100 °C	**Method**	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	No information available	**Upper:** No data available **Lower:** No data available	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions. Hazardous polymerization may occur. Polymerization is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.
Conditions to Avoid	Protect from moisture, Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products	Strong oxidizing agents, Strong acids, Peroxides.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Hydrogen cyanide.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information — No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	477.00
Dermal LD50	1,375.00
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Eye contact, Skin contact, Inhalation.
Primary Routes of Entry	Skin contact, Skin Absorption.
Acute Effects:	
Eyes	Causes serious eye irritation.
Skin	Harmful in contact with skin. May cause sensitization by skin contact.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Prolonged skin contact may defat the skin and produce dermatitis.
Target Organ Effects	Respiratory system.
Aggravated Medical Conditions	Respiratory disorders, Skin disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Diethyltoluenediamine 68479-98-1	= 485 mg/kg (Rat)	= 700 mg/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)- 106264-79-3	= 500 mg/kg (Rat)	no data available	no data available	no data available	no data available
Titanium dioxide	> 10000 mg/kg (Rat)	no data available	no data available	no data available	no data available

13463-67-7					
Zeolite 1318-02-1	= 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.4 mg/L (Rat) 1 h	no data available	no data available
2-Pyrrolidinone, 1-ethyl 2687-91-4	= 3200 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
1,3-Benzenediamine, 4-methyl-2,6-bis(methylthio)- 102093-68-5	no data available	skin sensitizer	no data available	no data available	Immune system
Titanium dioxide 13463-67-7	no data available	no data available	no data available	no data available	Respiratory system
Carbon Black 1333-86-4	no data available	no data available	no data available	no data available	Eyes, Respiratory system

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

Component	ACGIH	IARC	NTP	OSHA	Other
Titanium dioxide 13463-67-7	not applicable	Group 2B	not applicable	X	not applicable
Zeolite 1318-02-1	not applicable	Group 3	not applicable	not applicable	not applicable
Carbon Black 1333-86-4	A3	Group 2B	not applicable	X	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Zeolite	EC50 = 18 mg/L Desmodesmus subspicatus 96 h	LC50 = 1800 mg/L Brachydanio rerio 96 h LC50 3200 - 5600 mg/L Oryzias latipes 96 h LC50 1800 - 3200 mg/L Poecilia reticulata 96 h	No information available	1000 - 1800: 48 h Daphnia magna mg/L EC50	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local 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 does not contain any chemicals which are subject to the reporting requirements of the Act and 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

16. OTHER INFORMATION

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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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