

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

Supersedes Date 03/11/2014

Issuing Date 05/27/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name EZ-FILL RTU, M/M PART B
Recommended use Patching compound
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 4041B
Chemical nature Plasticizers
Emergency Telephone Number

Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Light gray

Physical state Liquid

Odor Slight

GHS

Classification

Physical Hazards
None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2A

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

H319 - Causes serious eye irritation

Precautionary Statements

P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling
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.

25 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight % *
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	30-60
Tetrahydroxypropyl ethylenediamine	102-60-3	15-40
Polyoxypropylene (10) glyceryl ether	25791-96-2	10-30
1,4-Butanediol	110-63-4	3-7

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice

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

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 if irritation develops and persists.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

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.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point 265 °F / 129 °C **Method** Tag closed cup
Flammability Limits in Air %: . Solvent **Upper:** 18.3 **Lower:** 1.95
Suitable Extinguishing Media
 Water spray. Carbon dioxide (CO2). Foam. 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. Ensure adequate ventilation. 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 vapors or mists.
Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Do not freeze.

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 This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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 Safety glasses with side-shields.
Skin Protection Wear suitable protective clothing, Impervious gloves.
Respiratory Protection In case of inadequate ventilation wear respiratory protection.
General Hygiene Considerations Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Viscosity	No information available
Color	Light gray	Odor	Slight
Odor Threshold	Not applicable	Appearance	No information available.
pH	Not applicable	Specific Gravity	No data available
Evaporation Rate	No data available	Percent Volatile (Volume)	No data available
VOC Content (%)	No data available	VOC Content (g/L)	13 g/L (tested per ASTM D2369, Method D) 1 g/L (tested per ASTM D2369, Method E)
Vapor Pressure	<0.1 mmHg @ 77°F	Vapor Density	No information available
Solubility	No information available.	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	No data available	Flammability (solid, gas)	No data available
Flash Point	265 °F / 129 °C	Method	Tag closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Solvent	Upper: 18.3 Lower: 1.95	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition, Protect from moisture.
Incompatible Products	Strong oxidizing agents, Alkalis.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx).
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	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, Skin contact, Inhalation.

Primary Routes of Entry Skin contact, Skin Absorption.

Acute Effects:

Eyes Causes serious eye irritation.

Skin May cause skin irritation.

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 No information available.

Aggravated Medical Conditions No information available.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
2,2,4-trimethyl-1,3-pentanediol diisobutyrate 6846-50-0	> 3200 mg/kg (Rat)	no data available	No data available	No data available	No data available
Polyoxypropylene (10) glyceryl ether 25791-96-2	No data available	> 20 mL/kg (Rabbit)	No data available	No data available	No data available
1,4-Butanediol 110-63-4	= 1525 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5.1 mg/L (Rat) 4 h	No data available	No data available

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	No information available.	LC50 > 1.55 mg/L Pimephales promelas 96 h	No information available	1.46: 48 h Daphnia magna mg/L EC50	N/A
1,4-Butanediol	EC50 > 500 mg/L Desmodesmus subspicatus 72 h	No information available.	No information available	813: 48 h Daphnia magna mg/L EC50	-0.88

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 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	No	No	No	No

CERCLA

16. OTHER INFORMATION

Prepared By Laura Strauss
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 Reason for Revision No information available.
 Glossary No information available.
 List of References. No information available.

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