

SECTION 1: PRODUCT IDENTIFICATION

Product Name: EMT, Part B
Synonyms:
Product Number: 50-EMT-1GB
 50-EMT-5GB
Company: Durável
Address: P.O. Box 1141, Davidson NC 28036
Business Phone: (704) 837-7991
Emergency Phone: Chemtrec US (800) 424-9300 CNN 874540
Date of Current Revision: June 15, 2021

SECTION 2: HAZARD IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity – Oral	Category 4
Acute toxicity – Dermal	Category 1
Skin corrosion/irritation	Category 1C
Eye corrosion	Category 1
Skin sensitizer	Category 1
Reproductive toxicity	Category 2

EMERGENCY OVERVIEW: This product is a colorless to yellowish liquid.

Danger

Hazard Statements

- H302: Harmful if swallowed
- H310: Fatal in contact with skin
- H314: Causes severe skin burns and eye damage
- H318: Causes serious eye damage
- H361: Suspected of damaging fertility or the unborn child



Appearance: Colorless to yellowish

Physical State: Liquid

Odor: Amine-like

Precautionary Statements – Prevention

P201: Obtain special instructions before use
 P202: Do not handle until all safety precautions have been read and understood
 P260: Do not breathe dust/fume/gas/mist/vapors/spray
 P261: Avoid breathing dust/fume/gas/mist/vapors/spray
 P262: Do not get in eyes, on skin, or on clothing
 P264: Wash thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product
 P272: Contaminated work clothing should not be allowed out of the workplace
 P280: Wear protective gloves/protective clothing/eye protection/face protection
 P281: Use personal protective equipment as required
 P310: Immediately call a POISON CENTER or doctor/physician
 P321: Specific treatment, see supplemental first aid information.
 P322: Specific measures (see elsewhere on this data sheet)
 P330: Rinse mouth
 P361: Remove/Take off immediately all contaminated clothing
 P363: Wash contaminated clothing before reuse
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P302+P350 IF ON SKIN: Gently wash with soap and water
 P302+P352 IF ON SKIN: Wash with soap and water
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
 P308+P313: IF exposed or concerned: Get medical advice/attention
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention
 P405: Store locked up
 P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.

Hazards not otherwise classified (HNOC)

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No.	Weight - %	Trade Secret
Phenol, styrenated	61788-44-1	40 – 50	*
Propylene glycol diamine, 2-amino-, diether with Propylene	9046-10-0	30 – 40	*
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	5 – 10	*
Isophorone diamine	2855-13-2	1 – 5	*
1-(2-Aminoethyl) piperazine	140-31-8	1 – 5	*

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

SECTION 4: FIRST-AID MEASURES

Description of First Aid Measures

General Advice	Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance. First responders should wear gloves and protection.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, consult a doctor.
Skin Contact	Immediately call a POISON CONTROL CENTER or seek medical attention. Immediately take off all contaminated clothing. Wash with plenty of water/ soap and rinse thoroughly until medical aid is available. Gently blot or brush away excess product. Wash contaminated clothing before re-use or discard.
Inhalation	Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing has stopped, trained personnel should begin rescue breathing. Avoid mouth-to-mouth contact by using a barrier device. If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR).
Ingestion	Immediately call a POISON CONTROL CENTER or seek medical attention. Rinse mouth and then drink plenty of water. Do not induce vomiting.
Note to Physicians	Treat symptomatically. For additional information, see Safety Data Sheet.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical fire extinguisher, carbon dioxide, or alcohol-resistant foam.

Unsuitable extinguishing media	Do not use water stream, as this may spread fire.
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Specific hazards arising from the chemical

Formation of toxic gases is possible during heating or in case of fire.

Hazardous combustion products	Carbon oxides.
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Explosion Data**Sensitivity to Mechanical Impact**

Not available

Sensitivity to Static Discharge

Not available

Protective equipment and precautions for firefighters

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Do not breathe vapors. Avoid contact with skin, eyes and clothing. Remove all non-essential people from the affected area. Ensure adequate ventilation. Wear protective equipment.

Environmental Precautions**Environmental precautions**

Do not allow to enter sewers/ surface or ground water. Prevent seepage into sewage system, workpits and cellars

Methods and material for containment and cleaning up**Methods for containment and clean up**

Ensure adequate ventilation. Pick up and arrange disposal without creating dust. Dispose of the collected material according to regulations.

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling****Advice for safe handling**

Do not breath vapour/spray. Do not get in eyes, on skin, or on clothing. Ensure good ventilation/exhaustions at the workplace. Make sure that all applicable workplace limits are observed.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in cool, dry conditions in well-sealed containers. Keep containers tightly sealed. Store in dry conditions. Protect from humidity and water. Storage temperature 50 - 120°F (10 - 50 °C). Do not store together with oxidizing and acidic materials. Observe all local and national regulations for storage of water polluting products.

FOR INDUSTRIAL USE ONLY!

SECTION 8: EXPOSURE CONTROLS – PERSONAL PROTECTION

Control parameters

Chemical Name	CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Phenol, styrenated	61788-44-1	Not Established	Not Established	Not Established
Propylene glycol diamine, 2-amino-, diether with Propylene	9046-10-0	Not Established	3 mg/m ³ (respirable fraction)	Not Established
2,4,6-Tri (dimethyl-aminomethyl) phenol	90-72-2	Not Established	125 mg/kg Dermal Rat	Not Established
Isophorone Diamine	2855-13-2	Not Established	Not Established	Not Established
1-(2-Aminoethyl) piperazine	140-31-8	Not Established	Not Established	Not Established

General Protective and Hygienic Measures

The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working

Keep away foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses with side shields. If splashes are likely to occur, wear goggles.

Skin and body protection

Protective gloves: to avoid skin problems, the glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Material of Gloves: Neoprene, butyl rubber gloves, the selection of the suitable gloves does not only depend on the material, but also on the further marks of quality and varies from manufacturer to manufacturer several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. Penetration time of Glove Material: Protective gloves should be replaced at the first signs of wear. The exact break through time has to be found out

by the manufacturer of the protective gloves and has to be observed.

Respiratory protection

Use suitable respirator protective device in case of insufficient ventilation. Use suitable respiratory protective device when aerosol or mist is formed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Amine-like
Appearance	Colorless to yellowish	Odor Threshold	No data available
Color	Transparent Liquid – May have slight color due to performance additives		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	Not Relevant	
Melting point/freezing point	Not Applicable	
Boiling point/Boiling range	> 200C	
Flash point	Not determined	CC (closed cup)
Evaporation rate	Not Available	
Flammability (solid, gas)	Not Relevant	
Flammability Limit in Air		
Upper flammability limit:	No Data	
Lower flammability limit:	No Data	
Vapor pressure	Not Available	
Vapor density	Not Available	
Relative density	Not available	
Water solubility	Insoluble in water	
Solubility in other solvents	Not Available	
Partition coefficient	Not Available	
Autoignition temperature	Not Available	
Decomposition temperature	Not Available	
Kinematic viscosity	Not Available	
Dynamic viscosity	Not Available	
Explosive properties	Lower 1.2 Vol%	
Oxidizing properties	Not Available	

Other Information

Softening point Not Relevant

Molecular weight	Not Available
VOC Content (%)	0.0 g/L
Density	Not Available
Bulk Density	Not Available

SECTION 10: STABILITY AND REACTIVITY

Possibility of Hazardous Reactions

Stable under recommended storage conditions. No decomposition if stored and applied as directed.

Incompatible materials

Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Mixture Toxicity	Oral Toxicity LD50: 73mg/kg Dermal Toxicity LD50: 35mg/kg
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Toxicity Components

2,4,6-Tri(dimethyl-aminomethyl)phenol	Oral LD50: 1,200 mg/kg (Rat) Dermal LD50: 1,280 mg/kg (Rat)
1-(2-Aminoethyl) piperazine	Oral LD50: 2,140 µL/kg (Rat) Dermal LD50: 880 µL/kg (Rabbit)

Carcinogenic Data	NTP: None OSHA: None IARC: None
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SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity	No data on the product itself
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Acute Toxicity to Fish – Components

Isophorone diamine	48 Hr EC50 Daphnia magna: 14.6 - 21.5 mg/L [semi-static] 72 Hr EC50 Desmodesmus subspicatus: 37 mg/L
1-(2-Aminoethyl) piperazine	96 Hr LC50 Pimephales promelas: 1950 - 2460 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: >1000 mg/L [semi-static]; 96 Hr LC50 Oncorhynchus mykiss: >=100 mg/L [semi-static] 48 Hr EC50 Daphnia magna: 32 mg/L

72 Hr EC50 Pseudokirchneriella subcapitata: 495 mg/L

Persistence and Degradability

No relevant information available

Bioaccumulative Potential Bioaccumulation

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

Mobility in Soil

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Relevant Information

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches the chemical or used container. Offer surplus and nonrecyclable solutions to a licensed disposal company. Send to a licensed waste management company

Contaminated Packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers

SECTION 14: TRANSPORTATION INFORMATION

DOT

UN/ID no. 3145
Proper shipping name Alkylphenols, liquid, N.O.S. (contains Nonylphenol)
Hazard Class 8
Packing Group III

IATA

UN/ID no. 3145
Proper shipping name Alkylphenols, liquid, N.O.S. (contains Nonylphenol)
Hazard Class 8
Packing Group III

IMDG

UN/ID no.	3145
Proper shipping name	Alkylphenols, liquid, N.O.S. (contains Nonylphenol)
Hazard Class	8
Packing Group	III

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture. United States (USA)

SARA: Sections 302 and 313: None

Section 8(b): All ingredients are listed.

TSCA (Toxic Substances Control Act): None

Proposition 65 (California)

Chemicals known to cause cancer: None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substance List (DSL) All ingredients are listed

SECTION 16: OTHER INFORMATION

NFPA	Health hazards 4	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 4	Flammability 0	Physical hazards 0	Personal Protection X
Issue Date	June 15, 2021			
Revision Date	None			
Revision Note	None			

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text. Durável assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not

adhered to as stipulated in the data sheet. Furthermore, Durável assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety precautions are followed.

END OF SAFETY DATA SHEET