

**SECTION 1: PRODUCT IDENTIFICATION**

**Product Name:** USB, Part B  
**Synonyms:**  
**Product Number:** Half Gallon: 40-USB-2QB  
 One Gallon: 40-USB-1GB  
**Company:** Durável  
**Address:** P.O. Box 1141, Davidson NC 28036  
**Business Phone:** (803) 833-7225  
**Emergency Phone:** Chemtrec US (800) 424-9300 CNN 874540  
**Date of Current Revision:** August 10, 2020

**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 5
Acute toxicity – Inhalation (Vapors)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 2
Flammable liquids	Category 2
Hazardous to the Aquatic Environment – Long Term (Chronic)	Category 2

**EMERGENCY OVERVIEW:** This product is a transparent liquid.

**DANGER!**

**Hazard Statements**  
 Highly Flammable  
 Toxic to Aquatic Life with Long Lasting Effects  
 Causes Serious Eye Irritation  
 May Cause Respiratory Irritation  
 May Cause Drowsiness or Dizziness  
 May be Harmful if Swallowed  
 May be Harmful if Swallowed and Enters Airways  
 Causes Skin Irritation



**Appearance:** Transparent  
Liquid



**Physical State:** Liquid



**Odor:** Solvent

**Precautionary Statements – Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ ventilating/ lighting/ equipment  
Use only non-sparking tools  
Take action to prevent static discharges  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Use only outdoors or in a well-ventilated area  
Avoid release to the environment  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements – Response**

IF exposed or concerned: Get medical advice/attention  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/  
shower  
If skin irritation occurs: Get medical advice or attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present  
and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON  
CENTER/doctor if you feel unwell.  
IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor  
Do NOT induce vomiting.  
Take off contaminated clothing and wash before reuse  
In case of fire use, "alcohol resistant" foam, dry chemical, halon or carbon dioxide to  
extinguish.  
Collect spillage

**Precautionary Statements - Storage**

Store in well-ventilated place. Keep Cool. Keep container tightly closed. Store locked up.

**Precautionary Statements – Disposal**

Dispose of contents/container in accordance with local/regional/national regulations.

**Hazards Not Otherwise Classified (HNOC)**

Repeated exposure may cause skin dryness or cracking

**SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS**

**Substance**

Chemical Name	CAS No.	Weight - %	Trade Secret
Polyhexamethylene Diisocyanate	28182-81-2	60 – 100	*
n-Butyl acetate	123-86-4	10 – 30	*

\*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.
  
- Eye Contact**                        IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
  
- Skin Contact**                        IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
  
- Inhalation**                            IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
  
- Ingestion**                             IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**                              Eye, Skin, and Respiratory Irritation. May cause allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed**

**Note to Physicians**                    Treat symptomatically. For additional information, see Safety Data Sheet.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Dry Chemical, Alcohol Resistant Foam, Halon or Carbon Dioxide

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

In a fire or if heated a pressure increase may occur and the container may burst.

**Hazardous combustion products**

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide.

**Explosion Data**

**Sensitivity to Mechanical Impact**

Not available

**Sensitivity to Static Discharge**

May be ignited by friction, heat, sparks or flames.

**Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus and protective suit.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental Precautions**

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains or waterways.

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

**Methods for containment**

Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for cleaning up**

Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Dispose according to local regulations.

**SECTION 7: HANDLING AND STORAGE**

Precautions for safe handling

**Advice for safe handling** Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take measures to prevent the buildup of electrostatic charge. Use non-sparking tools. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Incompatible Materials** Keep away from strong oxidizing agents, strong alkalis, and strong acids.

**SECTION 8: EXPOSURE CONTROLS – PERSONAL PROTECTION**

Control parameters

**Exposure guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-Butyl acetate 123-86-4	STEL: 200 ppm TWA: 150 ppm	TWA: 150 ppm TWA: 710 mg/m3	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m3 STEL: 200 ppm STEL: 950 mg/m3
Homopolymer of Hexamethylene Diisocyanate 28182-81-2	STEL: 0.001 ppm TWA: 0.005 ppm	N/A	--
Hexamethylene-1, 6-Diisocyanate 822-06-9	STEL: N/A TWA: 0.005	N/A	--

Appropriate engineering controls

**Engineering controls** General/local ventilation recommended

Individual protection measures, such as personal protective equipment

<b>Eye and face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.
<b>Respiratory protection</b>	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Solvent
<b>Appearance</b>	Transparent liquid	<b>Odor Threshold</b>	No data available
<b>Color</b>	Transparent liquid		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/Method</u></b>	
<b>pH</b>	Not Relevant		
<b>Melting point/freezing point</b>	Not Available		
<b>Boiling point/Boiling range</b>	No data available		
<b>Flash point</b>	27° C (80.6° F)	CC (closed cup)	
<b>Evaporation rate</b>	Not Available		
<b>Flammability (solid, gas)</b>	Not Relevant		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	7.6%		
<b>Lower flammability limit:</b>	1.7%		
<b>Vapor pressure</b>	Not Available		
<b>Vapor density</b>	Not Available		
<b>Relative density</b>	1.09 @ 70° F		
<b>Water solubility</b>	Insoluble in water		
<b>Solubility in other solvents</b>	Not Available		
<b>Partition coefficient</b>	Not Available		

Autoignition temperature	Not Available
Decomposition temperature	Not Available
Kinematic viscosity	Not Available
Dynamic viscosity	Not Available
Explosive properties	Not Available
Oxidizing properties	Not Available

**Other Information**

Softening point	Not Relevant
Molecular weight	Not Available
VOC Content (%)	<400 g/L (Mixed A&B)
Density	Not Available
Bulk Density	Not Available

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

Not Available

**Chemical stability**

Stable

**Possibility of Hazardous Reactions**

Hazardous polymerization does not occur

**Conditions to avoid**

Heat, flames and sparks

**Incompatible materials**

Water, amines, strong bases, alcohols, copper alloys.

**Hazardous Decomposition Products**

Carbon dioxide, carbon monoxide, oxides of nitrogen, dense black smoke, hydrogen cyanide, isocyanate, isocyanic acid, and other compounds unidentified.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Direct contact and vapor inhalation
<b>Eye contact</b>	Direct contact

**Skin contact**

Direct contact

**Ingestion**

Direct contact

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
Homopolymer of Hexamethylene Diisocyanate 28182-81-2	LD50 Oral Rat, Female ≥2,500 mg/kg	LD50 Dermal Rabbit >2,000 mg/kg LD50 Dermal Rat >2,000 mg/kg	LD50 Inhalation Rat, Female 0.390 – 0.543 mg/l 4h
Hexamethylene-1, 6-Diisocyanate 822-06-9	LD50 Oral Rat, Female 746 mg/kg	LD50 Dermal Rat >7,000 mg/kg	LD50 Inhalation Rat, Female 0.124 mg/l 4h
n-Butyl acetate 123-86-4	Oral LD-50: (Rat): 14,130 mg/kg	Dermal LD-50: (Rabbit): > 16ml/kg	N/A

**Information on toxicological effects**

**Symptoms**

May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**

Irritating to skin.

**Serious eye damage/eye irritation**

Irritating to eyes. Risk of serious damage to eyes.

**Irritation**

Irritating to eyes, respiratory system and skin

**Sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

**Reproductive toxicity**

Not Available

**STOT – single exposure**

Not Available

**STOT – repeated exposure**

Not Available

**Aspiration hazard**

Not Available

**Numerical measures of toxicity – Product Information**

No available data.

**SECTION 12: ECOLOGICAL INFORMATION**

Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.



Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
n-Butyl acetate 123-86-4	674.7: 72 h Desmodesmus subspicatus mg/L EC50	17 - 19: 96 h Pimephales promelas mg/L LC50 flow- through 100: 96 h Lepomis macrochirus mg/L LC50 static 62: 96 h Leuciscus idus mg/L LC50 static	72.8: 24 h Daphnia magna mg/L EC50
Homopolymer of Hexamethylene Diisocyanate 28182-81-2	--	LC50 100 mg/l (Zebra Fish, 96h	EC50 100 mg/l (water flea, 48 h)
Hexamethylene-1, 6- Diisocyanate 822-06-9	An accumulation in aquatic organisms is not expected.	LC0: ≥82.8 mg/l (Zebra Fish) 48 h	--

Persistence and degradability

No data available

Bioaccumulation

No data available

Other adverse effects

No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste treatment methods

**Disposal of wastes**

Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of in accordance with federal, state and local regulations

**SECTION 14: TRANSPORTATION INFORMATION**

DOT

<b>UN/ID no.</b>	1263
<b>Proper Shipping Name</b>	Paint Related Materials
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Marine pollutant</b>	Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

IATA

<b>UN/ID no.</b>	1263
<b>Proper Shipping Name</b>	Paint Related Materials
<b>Hazard Class</b>	3
<b>Packing Group</b>	III

IMDG

<b>UN/ID no.</b>	1263
<b>Proper Shipping Name</b>	Paint Related Materials
<b>Hazard Class</b>	3
<b>Packing Group</b>	III

**SECTION 15: REGULATORY INFORMATION**

International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** – Philippines Inventory of Chemicals and Chemical Substances  
**AICS** – Australian Inventory of Chemical Substances

**US 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 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic health hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	Yes
<b>Reactive hazard</b>	No

**California Proposition 65**

This product does not contain chemicals known to the state of California to cause birth defects or other reproductive harm

**US State Right-to-Know Regulations****US EPA Label Information****SECTION 16: OTHER INFORMATION**

<b>NFPA</b>	Health hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 2	Flammability 3	Physical hazards 0	Personal Protection
<b>Issue Date</b>	August 3, 2020			
<b>Revision Date</b>	Not applicable			
<b>Revision Note</b>	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**