



## Safety Data Sheet

# BA-400B, 430B, 460B, 500B

Issue Date: May, 2012

Revision Date: Nov, 2019

Version: 2

### 1. IDENTIFICATION

**Product Identifier**

**Product Name** BA 400B-430B, 460B-500B

**Other means of identification**

**SDS #** CIP-018

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Adhesives.

**Details of the supplier of the safety data sheet**

**Supplier Address**

Caseway Industrial Products, Inc.  
3487 Highland Drive  
Bay City, MI 48706  
Ph: 989-391-9992  
Fax: 989-391-9994

**Emergency Telephone Number**

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America) Contract # 106140  
\*\*\*Contact manufacturer for all non-emergency calls\*\*\*

### 2. HAZARDS IDENTIFICATION

**Appearance** Dark amber liquid

**Physical State** Liquid

**Odor** Ammonia-like

**Classification GHS classification in accordance with 29 CFR 1910.1200**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

**Signal Word**

**Danger**

**Hazard Statements**

H315: Causes skin irritation

H318: Causes serious eye damage

H317: May cause an allergic skin reaction



**Precautionary Statements - Prevention**

P264: Wash face, hands and any exposed skin thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray  
P271: Contaminated work clothing should not be allowed out of the workplace

**Precautionary Statements - Response**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310: Immediately call a poison center or doctor/physician  
P302+P352: IF ON SKIN: Wash with plenty of soap and water  
P363: Take off contaminated clothing and wash it before reuse  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Unknown Acute Toxicity**

85-95% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Polyamide resin	68410-23-1	85-95
2,4,6-tri(dimethylaminomethyl)phenol	90-72-2	5-15

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause eye, skin and respiratory tract irritation. Can cause allergic response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.
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**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

All treatments should be based on observed signs and symptoms of distress.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Water spray, dry chemical, carbon dioxide, foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous Combustion Products** Carbon oxides.

**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.

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

Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition. Maintain adequate ventilation.

**Environmental Precautions**

Prevent flow to sewer and public waters. See Section 12 for additional Ecological Information.

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

Prevent further leakage or spillage if safe to do so. Cover spill with inert, non-combustible absorbent material.

**Methods for Clean-Up**

Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. Spills and releases may have to be reported to Federal and/or local authorities. See section 15.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only with adequate ventilation. Use personal protection recommended in Section 8. Avoid breathing vapors or mists. Contaminated work clothing should not be allowed out of the workplace.

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

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from heat, sparks, flame. Store locked up.

**Incompatible Materials**

Strong oxidizers. Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

No exposure limits noted for ingredient(s) The following information is given as general guidance

### Appropriate engineering controls

#### **Engineering Controls**

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Maintain eye wash fountain and quick-drench facilities in work area.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face Protection**

Safety glasses with side-shields.

#### **Skin and Body Protection**

Wear chemical resistant protective gloves. Body protection must be chosen based on level of activity and exposure. Butyl rubber or other impervious gloves are required.

#### **Respiratory Protection**

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment. High vapor or mist concentrations may require a NIOSH approved organic vapor respirator.

#### **General Hygiene Considerations**

Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State**  
**Appearance**  
**Color**

Liquid  
Dark amber liquid  
Dark amber

**Odor**  
**Odor Threshold**

Ammonia-like  
Not determined

### Property

### Values

### Remarks • Method

pH  
Melting Point/Freezing Point  
Boiling Point/Boiling Range  
Flash Point  
Evaporation Rate  
Flammability (Solid, Gas)  
Upper Flammability Limits  
Lower Flammability Limit  
Vapor Pressure  
Vapor Density  
Specific Gravity  
Water Solubility  
Solubility in other solvents  
Partition Coefficient  
Auto-ignition Temperature  
Decomposition Temperature  
Kinematic Viscosity  
Dynamic Viscosity  
Explosive Properties  
Oxidizing Properties

Not applicable  
Not determined  
Not determined  
260 °C / 500 °F  
Not determined  
Not determined  
Not determined  
Not determined  
Not determined  
Not determined  
0.97 g/cm<sup>3</sup>  
Moderately soluble  
Not determined  
Not determined  
Not determined  
Not determined  
Not determined  
Not determined  
Not determined

CC (closed cup)

(1=Water)

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable; however, material can decompose at elevated temperatures.

### Possibility of Hazardous Reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong oxidizers. Strong acids.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

#### **Eye Contact**

Causes serious eye irritation.

#### **Skin Contact**

May cause an allergic skin reaction. Causes skin irritation.

#### **Inhalation**

Avoid breathing vapors or mists.

#### **Ingestion**

May cause discomfort if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2,4,6-tri(dimethylaminomethyl)phenol 90-72-2	= 1000 mg/kg ( Rat )	= 1280 mg/kg ( Rat )	-

### Information on physical, chemical and toxicological effects

#### **Symptoms**

Please see section 4 of this SDS for symptoms.

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

#### **Sensitization**

May cause an allergic skin reaction.

#### **Carcinogenicity**

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

### Numerical measures of toxicity

Not determined

#### **Unknown Acute Toxicity**

85-95% of the mixture consists of ingredient(s) of unknown toxicity.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number**

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
2,4,6-tri(dimethylaminomethyl)phenol 90-72-2		Included in waste stream: K060		

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Polyamide resin	Present	X				Present	X	Present	X	X
2,4,6-tri(dimethylaminomethyl)phenol	Present	X		Present		Present	X	Present	X	X

#### **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

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### **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

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION****NFPA****Health Hazards****Flammability****Instability****Special Hazards****HMIS****Health Hazards****Flammability****Physical Hazards****Personal Protection**Not determined  
2Not determined  
1Not determined  
0Not determined  
Not determined

**Issue Date:** 15-May-2012  
**Revision Date:** 03-Nov-2019  
**Revision Note:** Added/Updated GHS codes

**Disclaimer**

The information provided in this Safety Data Sheet 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 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.

**End of Safety Data Sheet**