

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15



SECTION 1 Identification of the substance/mixture and of the company/undertaking

Product identification used on label

Product identifier	2114 DAUBOND® 8855-B
Details of the supplier of the safety data sheet	Daubert Chemical Company 4700 S. Central Avenue Chicago, IL 60638 708-496-7350
Emergency telephone number	Chemtrec: (800) 424-9300
Relevant identified uses of the substance or mixture and uses advised against	2-Component Adhesive

SECTION 2 Hazards identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



GHS Classification	Serious Eye Damage/Eye Irritation Category 1 Respiratory Sensitisation Category 1 Skin Sensitisation Category 1 Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 1 Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1 Hazardous to the aquatic environment - Acute Category 1 Skin Corrosion/Irritation Category 2 Reproductive Toxicity Category 2
Signal Word	Danger
Hazard Statements	Causes skin irritation May cause an allergic skin reaction Causes serious eye damage May cause allergy or asthma symptoms or breathing difficulties if inhaled Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life.

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15

Precautionary Statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear respiratory protection.

Response

IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Specific treatment: None known
If skin irritation or rash occurs: Get medical advice/attention.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Storage

Disposal

Wash contaminated clothing before reuse.
Collect spillage.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Benzene, Mono C12-C14 Alkyl	129813-59-8	5 - 10
Triethylenetetramine	112-24-3	3 - 7
2,4,6-Tri(dimethylaminomethyl) phenol	90-72-2	1 - 5
Tetraethylenepentamine	112-57-2	0.5 - 1.5

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

SECTION 4 First aid measures

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately
Eyes	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
Skin Contact	Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.
Ingestion	Corrosive. Do not induce vomiting! Seek medical attention immediately and provide the medical care provider with this SDS.

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15

Most important symptoms/effects, acute and delayed See Section 11

Indication of immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5 Firefighting measures

Suitable extinguishing media:	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Fire and/or Explosion Hazards	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. Container may explode in heat of fire.
Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon, Sulfur oxides, Ammonia, Oxides of nitrogen, Toxic fumes

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this SDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.
Methods and materials for containment and cleaning up	Prevent the spread of any spill to minimize harm to the environment. Keep out of sewage systems and any water course. Absorb spill with liquid-binding material (sand, sawdust, etc.). Collect and discard in accordance with local, state and national regulations. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15

SECTION 7 Handling and storage

Precautions for safe handling	Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
Conditions for safe storage, including any incompatibilities	Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed.
Incompatible materials	Chlorinated compounds, Oxidizing materials, Strong acids, Caustics (bases)

SECTION 8 Exposure controls/personal protection

Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
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No exposure limits in vapor form

Engineering Measures	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits
Respiratory Protection	Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels.
Eye Protection	Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.
Skin Protection	Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Gloves	Impervious rubber

SECTION 9 Physical and chemical properties (Typical, not specification)

Physical State	Liquid
Color	Yellow
Odor	Mild Amine Type
Odor Threshold	No data available
pH	No data available
Melting Point/freezing point, °C	No data available
Initial boiling point and boiling range, °C	No data available
Flash Point	Not measureable. > 200 °F(93 °C)
Evaporation Rate	<1 (n-Butyl Acetate=1)
Flammability (Solid, Gas)	No data available

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15

Lower Flammable/Explosive Limit, % in air	No data available
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	No data available
Vapor Density	>1 (Air=1)
Specific Gravity @ 25°C	1.15
Solubility in Water	Moderate; 50-99%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	6500 cP
Volatiles, % by weight	10
VOC, Material, lb/gal	.042
VOC, Material, grams/liter	5.0
VOC minus exempt solvents & water, lb/gal	0.042

SECTION 10 Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under normal conditions. Hazardous polymerization will not occur.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	High temperatures. Freezing temperatures (will cause permanent damage).
Incompatible materials	Chlorinated compounds, Oxidizing materials, Strong acids, Caustics (bases)
Hazardous decomposition products	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

SECTION 11 Toxicological information

Likely Routes of Entry	Inhalation, Skin contact, Eye contact
Target Organs Potentially Affected by Exposure	Lungs, Eyes, Skin, Respiratory System
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.
Medical Conditions Aggravated	Asthma, Eye disease., Skin contact may aggravate existing skin disease, Respiratory allergies

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can be corrosive to the respiratory tract causing severe irritation and tissue damage.
Inhalation Toxicity	Can cause systemic damage (see "Target Organs")
Skin Contact	Corrosive to skin tissue. Can cause chemical burns. May cause sensitization.
Eye Contact	Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.
Ingestion Irritation	Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage.
Ingestion Toxicity	Harmful if swallowed.

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15

Long-Term (Chronic) Health Effects

Carcinogenicity	There are no carcinogenic ingredients present at or over 0.1%.
Inhalation	Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage. Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
Skin Contact	Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.
Skin Absorption	Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.
Ingestion	Under normal industrial usage conditions, ingestion is highly unlikely.

Additional Health Effects Harmful if inhaled or absorbed through skin.

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
Benzene, Mono C12-C14 Alkyl	129813-59-8	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg
Triethylenetetramine	112-24-3	Dermal LD50 Rabbit 550 mg/kg Oral LD50 Rat 2500 mg/kg
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	Dermal LD50 Rat > 2000 mg/kg Dermal LD50 Rabbit 1242 mg/kg Oral LD50 Rat 1200 mg/kg

SECTION 12 Ecological information

Overview	No ecological information available
Mobility	No data
Persistence	No data
Bioaccumulation	No data
Degradability	No data

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Benzene, Mono C12-C14 Alkyl	129813-59-8	EC50 (48 hr) Daphnia > 0.041 mg/L	EC50 (72 hr) Algae > 100 mg/L	
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	EC50 (48 hr) Daphnia 10 - 100 mg/L	EC50 (72 hr) Algae 84 mg/L	LC50 (96 hr) Fish > 100 mg/L

SECTION 13 Disposal considerations

Waste Description for Spent Product	Spent or discarded material is not expected to be a hazardous waste.
Disposal Methods	Dispose of in accordance with Local and National regulations.
Waste Disposal Code(s)	Not applicable

SECTION 14 Transport information

Full shipping name for Export, Air, Sea (any quantity unless flash pt. >150°F) or vessels of 119 GL or more	UN2735, AMINES, LIQUID, CORROSIVE N.O.S., (Aliphatic Amine, Polyamidoamine), 8, PG III,
Domestic Ground in vessels < 119 gal.	UN2735, AMINES, LIQUID, CORROSIVE N.O.S., (Aliphatic Amine, Polyamidoamine), 8, PG III,

Safety Data Sheet

Revision Date 10-31-2016
Revision Number 15

SECTION 15 Regulatory information

Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	One or more chemical substances in this material are on the Canadian NDSL and the remainder are included on the Canadian DSL or are exempt.

Chemical Name	CAS #	Regulation	Percent
No CERCLA-listed chemicals in this product.		CERCLA	
No 313-listed chemicals in this product.		SARA 313	
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

SECTION 16 Other information

Revision Date	10-31-2016
Disclaimer	Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.
Version	Reviewed
Comments	Approved: M. Hogan