

Safety Data Sheet

Revision Date 06-15-2016
Revision Number 13



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

Product identification used on label

Product identifier	5705 AIT 2003B
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

Skin Corrosion/Irritation Category 1A
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
Reproductive Toxicity Category 2

Signal Word Hazard

Danger

Statements

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
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.

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.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

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Response	Contaminated work clothing should not be allowed out of the workplace.
	Wear protective gloves/protective clothing/eye protection/face protection.
	Use personal protective equipment as required.
	In case of inadequate ventilation wear respiratory protection.
	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
	IF ON SKIN: Wash with plenty of soap and water.
	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	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.
Storage Disposal	IF exposed: Call a POISON CENTER or doctor/physician.
	IF exposed or concerned: Get medical advice/attention.
	Immediately call a POISON CENTER or doctor/physician.
	Get medical advice/attention if you feel unwell.
	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.
	Wash contaminated clothing before reuse.
	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 #	%
Triethylenetetramine	112-24-3	10 - 30

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

SECTION 4 First aid measures

Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
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	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.
Most important symptoms/effects, acute and delayed	See Section 11

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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. Alcohol foam Carbon dioxide Dry chemical Water fog Water spray
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.
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, Oxides of nitrogen

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.

SECTION 7 Handling and storage

Precautions for safe handling	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 place. Isolate from incompatible materials. Store in tightly sealed original container.
Incompatible materials	Strong oxidizing agents

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

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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.
Respirator Type(s)	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use
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	Amber
Odor	Slight Ammonia
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	200.12 °F(93 °C)
Evaporation Rate	<1 (n-Butyl Acetate=1)
Flammability (Solid, Gas)	No data available
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	0.94
Solubility in Water	Complete; 100%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	Typical 300 cP
Volatiles, % by weight	No data available
VOC, lb/gal	No data available
VOC, grams/liter	No data available

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SECTION 10 Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Freezing temperatures (will cause permanent damage). Elevated temperatures. Visible light
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

SECTION 11 Toxicological information

Likely Routes of Entry	Skin contact, Eye contact, Inhalation
Target Organs Potentially Affected by Exposure	Kidneys, Lungs, Liver
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Inhalation Toxicity	Can cause systemic damage (see "Target Organs")
Skin Contact	Corrosive to skin tissue. Can cause chemical burns. May cause sensitization.
Eye Contact	Causes severe eye injury.
Ingestion Irritation	Ingestion is not considered a likely route of exposure. If swallowed, consult a physician.
Ingestion Toxicity	Harmful if swallowed.

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 cause respiratory irritation. 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	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.
Ingestion	Under normal industrial usage conditions, ingestion is highly unlikely.

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
Triethylenetetramine	112-24-3	Dermal LD50 Rabbit 550 mg/kg Oral LD50 Rat 2500 mg/kg

SECTION 12 Ecological information

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

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Ecotoxicity Data

Chemical Name

CAS Number

Aquatic EC50
Crustacea

Aquatic ERC50
Algae

Aquatic LC50
Fish

No data available

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

Modified Resin / Non-Regulated

Export, Air, Sea (any quantity

unless flash pt. >150°F) or

vessels of 119 GL or more

Domestic Ground in vessels <

Not Regulated

119 gal.

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	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

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

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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. Duncan