

Safety Data Sheet

Revision Date 04-11-2016
Revision Number 10



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

Product identification used on label

Product identifier	5378 AIT 2005A
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 Sensitisation Category 1 Hazardous to the aquatic environment - Acute Category 3
Signal Word	Warning
Hazard Statements	May cause an allergic skin reaction. Harmful to aquatic life.
Precautionary Statements	
Prevention	Avoid breathing dust/fume/gas/mist/vapours/spray. 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.
Response	IF ON SKIN: Wash with plenty of soap and water. Specific treatment: None known If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

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SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Antimony trioxide	1309-64-4	10 - 30
Bisphenol-A-diglycidylether	25068-38-6	5 - 10

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	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
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
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

SECTION 5 Firefighting measures

Suitable extinguishing media:	Use methods suitable to fight surrounding fire. Water fog Carbon dioxide
Unsuitable extinguishing media:	No data available
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. Vapors may form flammable/explosive mixture with air.
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

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.
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Methods and materials for containment and cleaning up Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

SECTION 7 Handling and storage

Precautions for safe handling	Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities	Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep container closed when not in use.
Incompatible materials	Strong oxidizing agents, Acids, Amines, 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>
Antimony trioxide			0.5 mg/m3

Engineering Measures	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits
Respiratory Protection	Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.
Eye Protection	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses.
Skin Protection	Wear protective gloves. 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

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

Physical State	Viscous Liquid
Color	Grey
Odor	Mild
Odor Threshold	No data available
pH	No data available
Melting Point/freezing point, °C	No data available
Initial boiling point and boiling range, °C	> 149
Flash Point	> 200 °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	2.8
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	Typical 130000 cP
Volatiles, % by weight	No data available
VOC, lb/gal	No data available
VOC, grams/liter	No data available

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	Contamination.
Incompatible materials	Strong oxidizing agents, Acids, Amines, 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, Absorption
Target Organs Potentially Affected by Exposure	Respiratory Tract, Lungs (only if dust or mist is present)
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.
Medical Conditions Aggravated	Respiratory disease including asthma and bronchitis

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Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Inhalation Toxicity	Can cause systemic damage (see "Target Organs")
Skin Contact	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause skin irritation. Allergic reactions are possible. May cause sensitization.
Skin Absorption	May cause irritation and minor systemic damage.
Eye Contact	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Can cause mechanical irritation if dusts are generated.
Ingestion Irritation	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
Ingestion Toxicity	Harmful if swallowed.

Long-Term (Chronic) Health Effects

Carcinogenicity	Suspect cancer hazard! Contains a material that may cause cancer.
Inhalation	Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
Skin Contact	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Skin Absorption	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause minor systemic damage.
Ingestion	Under normal industrial usage conditions, ingestion is highly unlikely.

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
Antimony trioxide	1309-64-4	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 34600 mg/kg
Bisphenol-A-diglycidylether	25068-38-6	Dermal LD50 Rat 2000 mg/kg Oral LD50 Rat > 11400 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
Antimony trioxide	1309-64-4	EC50 (48 hr) Water flea > 1000 mg/L	EC50 (72 hr) Algae = 67 mg/L	LC50 (96 hr) Zebra Fish > 1000 mg/L
Bisphenol-A-diglycidylether	25068-38-6	EC50 (48 hr) Water flea = 2.1 mg/L	EC50 (72 hr) Algae > 11 mg/L	LC50 (96 hr) Fish 1.3 mg/L

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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	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (diantimony trioxide), 9, PG III,
Domestic Ground in vessels < 119 gal.	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., (diantimony trioxide), 9, PG III,

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
Antimony trioxide	1309-64-4	California Prop 65	10 - 30
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