

MSDS-1

1/93



Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Antimony

IDENTITY (As Used on Label and List)

Spauldite® XXX-TR Tube

Kantmny electrode

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Spaulding Composites Co. - Specialty Plastics Div.	Emergency Telephone Number 815-758-8181
Address (Number, Street, City, State, and ZIP Code) 1300 S. Seventh St. DeKalb, IL 60115	Telephone Number for Information 815-758-8181
	Date Prepared 1-21-93 (Rev.)
	Signature of Preparer (Applicant) <i>[Signature]</i> 1/21/93 John B. Lovell

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Formaldehyde (CAS 50-00-0)	.75 ppm	.3 ppm		Unknown
Phenol (CAS 108-95-2)	5 ppm	5 ppm (skin)		Unknown

This product is a thermoset composite consisting of cured phenol-formaldehyde resin and cellulose reinforcement. TLV has not been established by the ACGIH. Formaldehyde has been determined to be a "Potential Cancer Hazard" by OSHA per the standard promulgated 12-4-87 (29 CFR Sec. 1910.1048 FR Vol. 52 No. 233). Precautions to be taken when formaldehyde is present in the air at concentrations greater than .1 ppm are described in the standard.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.10-1.40
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water: N/A

Appearance and Odor: Light tan to brown or black in color. Faint phenolic odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
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Extinguishing Media: Water, carbon dioxide (CO₂), dry chemical, Halon

Special Fire Fighting Procedures: Use conventional fire fighting procedures as for wood. Self-contained NIOSH/MSHA approved breathing apparatus should be worn when entering a burning area.

Unusual Fire and Explosion Hazards: Smoke and toxic fumes may be released while burning (e.g., carbon dioxide (CO₂), carbon monoxide (CO), phenol, formaldehyde, methane, aromatic hydrocarbons)

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Compatibility (Materials to Avoid)
Strong oxidizing agents.

Hazardous Decomposition or Byproducts Methane, aromatic hydrocarbons,
Carbon dioxide (CO₂), carbon monoxide (CO), phenols, formaldehyde.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

Section VI - Health Hazard Data

Route(s) of Entry: As dust	Inhalation? X	Skin? Irritant	Eyes Irritant	Ingestion? X
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Health Hazards (Acute and Chronic)
Acute: Unknown Chronic: Prolonged or repeated exposure to dust may lead to dermatitis or sensitization for some individuals. Prolonged exposure to phenol may damage heart, lungs, kidneys or liver.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Formaldehyde is a "Suspected Human Carcinogen" per ACGIH "1992-1993 Threshold Limit Values."

Signs and Symptoms of Exposure
Exposure to dust may cause irritation or inflammation of nasal passages, eyes or skin.

Medical Conditions
Generally Aggravated by Exposure

Possible allergies.

Emergency and First Aid Procedures
Eyes: Flush with water for 15 minutes minimum. Wash skin with soap and water. Remove contaminated clothing. If symptoms persist, contact a physician.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Avoid breathing dust produced during fabrication of the products. Keep dust out of eyes.

Waste Disposal Method
Landfill or incineration in accordance with applicable federal, state and local laws.

Precautions to Be Taken in Handling and Storing
Do not smoke, drink or eat in dusty atmosphere.

Other Precautions
Change clothing daily or when contaminated (i.e., dusty). Do not smoke, drink or eat in dusty atmosphere. Practice good personal hygiene, wash hands before eating or smoking.

Section VIII - Control Measures

Respiratory Protection (Specify Type) Avoid inhalation or dust. wear NIOSH approved dust mask if ventilation or dust collection system is inadequate.

Ventilation	Local Exhaust or dust collector preferred	Special NIOSH approved dust mask
	Mechanical (General) Ensure adequate ventilation	Other Air filtered work booths

Protective Gloves Desirable to prevent cuts and abrasion, mandatory if allergic to product. Eye Protection
Wear appropriate goggles for dust protection.

Other Protective Clothing or Equipment If formaldehyde is present in the working environment at levels greater than .75 ppm, wear NIOSH approved formaldehyde respirator.

Work/Hygiene Practices Do not smoke, drink or eat in area where dust is produced.
Wash hands before eating or smoking.

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Section IX - SARA Section 312 and 313 Supplier Notification

This product does not contain toxic chemicals subject to the reporting requirements of Section 312 and 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Section X - NFPA Ratings (NFPA No. 704)

Health: 2
Flamability: 1
Reactivity: 0

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