

SPI Supplies Division

Structure Probe, Inc.

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Manufacturer's CAGE: 1P573



Material Safety Data Sheet

SPI #01274-AB, 01274-BC [Staticide® Wipes #SW-12](#)

Section 01 Identification

Date Effective... January 8, 2009
(most recent revision)

Chemical Name/Synonyms... Not available

Chemical family.....
Organic salts and solvents
synonym(s): None

Chemical Formula: Proprietary Material Use:
Cleaner and antistatic agent




Emergencies

Contacting CHEMTREC:

24 Hour Emergency Use Only #'s...
Worldwide phone: 1-(703)-527-3887
Worldwide FAX: 1-(703)-741-6090
Toll-free phone: 1-(800)-424-9300 USA only

Product or Trade Name.... SPI #01274-AB, 01274-BC Staticide® Wipes #SW-12

Hazardous Material	Health	1	National Fire Protection
	Fire Hazard	3	

Information System USA	Reactivity	0	Association USA	
	Personal Protection	0		

NFPA

(National Fire Protection Association)

Rating (Scale 0-4) :

HEALTH=1 FLAMMABILITY=3 REACTIVITY=0 PERSONAL PROTECTION=0

Section 2 Composition information on Hazardous Ingredients

Hazardous Ingredient	Concentration %	CAS #'s	Exposure limits	LD50/LC50
Isopropanol	30-40 estimated	67-63-0	400 ppm	OSHA Rabbit (dermal) 16,000 mg/kg
Ethanol	< 1	64-17-5	1000 ppm	OSHA Rabbit (dermal) 20,000 mg/kg

Section 3: Hazard Identification

Potential health effects (acute and chronic):

Symptoms of exposure:

Effects of ingestion or inhalation: nausea, intoxication, central nervous system depression, headache, decreased blood rate, coma. High vapor concentration cause irritation of eyes and respiratory system. Contact may cause eye injury, skin irritation.

Medical condition aggravated by exposure:

Respiratory and skin conditions.

Routes of entry:

Inhalation, ingestion or skin contact.

Carcinogenicity:

The material is not listed IARC - International Agency for Research on Cancer; NTP-National Toxicology Program; OSHA - Occupational Safety and Health Administration; as cancer causing agent. Not on "Z" list either.

Toxicological findings:

None known

Effects of overexposure:

Inhalation of vapors may cause headache, nausea, vomiting, dizziness, drowsiness, irritation of respiratory track, and loss of consciousness. Inhalation of vapors may cause pulmonary edema. Liquid may be irritating to skin and eyes. Prolonged skin contact may result in dermatitis. Eye contact may result in temporary corneal damage. Ingestion may cause nausea, vomiting, headaches, dizziness, gastrointestinal irritation. Ingestion may cause central nervous system depression.

Emergency overview:

Flammable liquid and vapor.
May cause eye injury.
Harmful if inhaled or swallowed.

NFPA

(National Fire Protection Association)

Rating (Scale 0-4) :

HEALTH=1 FLAMMABILITY=3 REACTIVITY=0 PERSONAL PROTECTION=0

Section 4: First Aid Measures

Emergency and first aid procedures:

Get medical assistance for all cases of over-exposure.

Skin: Wash thoroughly with soap and water.

Eyes: Immediately flush thoroughly with water for at least 15 minutes. Contact a physician if necessary.

Inhalation: Remove to fresh air. Artificial respiration if breathing has stopped. Contact physician.

Ingestion: If conscious, drink water and milk, and contact physician. Never give anything by mouth to an unconscious person.

General Advice: Do not smoke while using this product; keep away from children; wash hands after using.

Section 5: Fire Fighting Measures

Flash Point..... 20°C (53°F) (Penske martens)

Flammable Limits in Air..... Flammable limit in air, % by vol.

LEL (Lower Explosive Limit): 2%

UEL (Upper Explosive Limit): 12%

Fire Extinguishing Media:

Dry Chemical, CO₂, "alcohol" foam, water spray to cool fire-exposed containers and disperse vapor; water on fire itself may be ineffective.

Firefighting Procedure:

Wear self-contained breathing apparatus.

Fire and explosion hazards:

Dangerous fire and explosion hazard. Vapor can travel distance to ignition source and flash back. Hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below published autoignition or ignition temperatures. Ignition temperatures published autoignition or ignition temperatures. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time and are influenced by pressure changes. Ignition may occur at typical elevated temperature process conditions, especially in process operating under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape of vapors or mists to the atmosphere occurs.

Section 6: Accidental Release Measures

Spill Response:

Because of the nature of this product, any kind of "spill" of the traditional type is unlikely.

Disposal considerations:

None known

Treatment:

Incineration, fuels blending or recycle. Contact your local permitted TSD (Treatment Storage and Disposal Facility) for permissible treatment sites. Use only a permitted TSD to assure compliance with all current local, state and federal regulations.

Section 7: Handling and Storage

Engineering Controls / Personal Protection:

Ventilation: Respiratory protection, protective clothing, eye protection.

Respiratory protection:

If work place exposure limit(s) of product or any component is exceeded (see TLV/PEL in section 9), a NIOSH/MSHA (National Institute of Occupational Safety and Health/Mine Safety and Health Administration) approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering and/or administrative controls should be implemented to reduce exposure. Material should be handled or transferred in an approved fume hood or with adequate ventilation.

Work/Hygienic practices: Wash thoroughly after handling.
Do not take internally. Eye wash and safety equipment should be readily available.

Section 8: Exposure Controls and Personal Protection

Airborne Exposure Limits: None established

Ventilation System:

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered. Use explosion proof equipment.

Personal Respirator (NIOSH Approved):

Not expected to require personal respirator usage.

Skin Protection:

Wear protective gloves to guard against irritation.

Eye Protection:

Use approved safety glasses. Maintain eye wash fountain and quick-drench facilities in work area. Because of the nature of this product, there is not real free liquid. Therefore eye contact is highly unlikely.

Section 9: Physical and Chemical Properties

Boiling Point.....	760 mm Hg : 80°C (176°F)
Coeff. of Water/Oil Dist.	Unknown
pH (Liquids Only).....	Unknown
% Volatile By Volume.....	Less than 5 estimated
Melting Point.....	~ 88.5°C
Vapor Pressure.....	mm Hg: 35
Vapor Density/Air is 1...	2.1
Solubility In Water.....	INFINITELY MISCIBLE
Appearance and Color.....	Moist towelette with pleasant odor, in foil packet.
Specific Gravity.....	(H ₂ O = 1): Unknown
Evaporation Rate(n-butyl acetate = 1):	Greater than water
Odor.....	pleasant

Section 10: Stability and Reactivity

Stable: Yes

Hazardous Polymerization: Does not occur.

Hazardous Decomposition Products: CO_x (Carbon Dioxide / Carbon Monoxide)

Conditions to avoid: Heat, Contact with ignition source.

Materials to avoid: Acids, Strong bases, Oxidizers, Other: Halogen and Halogen Compounds; Aldehydes.

Section 11: Toxicological Information

Potential health effects (acute and chronic):

Symptoms of exposure:

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Medical condition aggravated by exposure:

Respiratory and skin conditions.

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Effects of overexposure:

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Emergency overview:

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May cause eye injury.
Harmful if inhaled or swallowed.

Section 12: Ecological Information

Environmental Fate: No information found in our selected references.

Bioaccumulation: Not expected to occur.

Environmental Toxicity: No information found.

Section 13: Disposal Considerations

Whatever can not be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state, and local requirements.

Section 14: Transport Information

Domestic USA (Land, US Dept. of Transportation)

Proper shipping name: FLAMMABLE LIQUID

Hazard class: 3

UN/NA: UN 1993 Packing Group II

International (Water, I.M.O.)

Proper shipping name: FLAMMABLE LIQUID

Hazard class: 3

UN/NA: UN 1993 Packing Group II

Marine Pollutant:

No information

Section 15: Regulatory Information

Component	Appr %
Iso-Propyl Alcohol	30-40

TSCA (Toxic Substance Control Act) Inventory:

The CAS Number of this product is listed on the TSCA inventory list.

Definitions:

SARA: Superfund Amendments and Reauthorization Act of 1986

CERCLA: Comprehensive Environment Response
Compensation and Liability Act

EHS: Extremely Hazardous Substance

OSHA: Occupational Safety and Health Act.

COMPONENT	SARA EHS (302)	SARA EHS TPQ (LBS)	CERCLA RQ (LBS)
Isopropyl alcohol			

COMPONENT	OSHA FLOOR LIST	SARA 313	DEMINIMIS FOR SARA 313 (%)
ISO-PROPYL	Y	Y	30-40

California Prop. 65:

Proposition 65 requires manufacturers or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:

No such ingredients have been found.

Section 16: Other Information

Disclaimer of Liability:

Caution! Do not use SPI Supplies products or materials in applications involving implantation within the body; direct or indirect contact with the blood pathway; contact with bone, tissue, tissue fluid, or blood; or prolonged contact with mucous membranes. Products offered by SPI Supplies are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. SPI Supplies will not provide to customers making devices for such applications any notice, certification, or information necessary for such medical device use required by US FDA (Food and Drug Administration) regulation or any other statute. SPI Supplies and Structure Probe, Inc. make no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues of fluids.

The information and recommendations set forth above are taken from

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