

Material Safety Data Sheet

Sport Tack

1. Product and company identification

Product name	Sport Tack	In case of emergency	1-800-843-6174
Code	1129SF	Validation date	6/12/2012.
Material uses	Dual purpose wood floor cleaner	Print date	6/12/2012.
Manufacturer	Essential Industries, Inc. P.O. Box 12 Merton, WI 53056-0012 Phone: 262-538-1122	Responsible name	Regulatory Affairs Department

Hazardous Material Information System (U.S.A.)

Health	1	HAZARD RATING
Flammability	2	4 = Extreme
Physical hazards	0	3 = High
Personal protection	B	2 = Moderate
		1 = Slight
		0 = Insignificant

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

2. Hazards identification

Emergency overview	WARNING! COMBUSTIBLE. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. Harmful if swallowed. Severely irritating to the eyes and skin. May cause respiratory tract irritation. Keep away from heat, sparks and flame. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.
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Potential acute health effects due to overexposure

Inhalation	May cause respiratory irritation. Inhalation of high concentrations of vapor may affect the central nervous system.
Ingestion	Harmful if swallowed.
Skin	Severely irritating to the skin. May be absorbed through skin with prolonged or repeated contact. May cause skin sensitization.
Eyes	Severely irritating to eyes. Risk of serious damage to eyes.

Potential chronic health effects due to overexposure

Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

See toxicological information (section 8)

3. Composition/information on ingredients

Name	CAS number	%
propan-2-ol	67-63-0	5 - 10
1-methoxy-2-propanol	107-98-2	5 - 10

SARA 313 (Form R - Reporting requirements)

Product name	CAS number	Concentration
propan-2-ol	67-63-0	8

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

4. First aid measures

Eye contact	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4 . First aid measures

Notes to physician

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5 . Fire-fighting measures

Flammability of the product

Combustible liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Extinguishing media

Suitable

Use dry chemical, CO₂, water spray (fog) or foam.

Special exposure hazards

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Hazardous thermal decomposition products

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Flash point

Closed cup: 38°C (100.4°F)

6. Control and preventive measures

Storage

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Ingredient	Exposure limits
propan-2-ol	OSHA PEL (United States, 6/2010). TWA: 400 ppm 8 hour(s). OSHA PEL 1989 (United States, 3/1989). TWA: 100 ppm 8 hour(s). STEL: 150 ppm 15 minute(s). TWA: 360 mg/m ³ 8 hour(s). STEL: 540 mg/m ³ 15 minute(s). ACGIH TLV (United States, 2/2010). TWA: 100 ppm 8 hour(s). TWA: 369 mg/m ³ 8 hour(s). STEL: 150 ppm 15 minute(s). STEL: 553 mg/m ³ 15 minute(s). NIOSH REL (United States, 6/2009). TWA: 100 ppm 10 hour(s). TWA: 360 mg/m ³ 10 hour(s). STEL: 150 ppm 15 minute(s). STEL: 540 mg/m ³ 15 minute(s).
1-methoxy-2-propanol	

Personal protection

Respiratory

None required with adequate ventilation. In situations where respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Hands

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eyes

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Methods for cleaning up

Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Waste disposal

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

7. Physical and chemical properties

Physical state	Liquid	Boiling/condensation point	100°C (212°F)
Color	Light Blue	Melting/freezing point	0°C (32°F)
Odor	Alcohol-like	Vapor pressure	<4 kPa (<30 mm Hg)
pH	7.1 - 8.1	Vapor density	<1 [Air = 1]
1% pH:	7.0	Weight per Gallon:	8.24 lbs./gal.
VOC *	16 % (w/w)	Specific Gravity:	0.98 gm/ml

* Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

8. Toxicological information

Acute toxicity

Product/ingredient name

	Result	Species	Dose	Exposure
propan-2-ol	LD50 Oral	Rat	5045 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
	LC50 Inhalation Gas.	Rat	16000 ppm	8 hours
1-methoxy-2-propanol	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Intraperitoneal	Rat	3720 mg/kg	-
	LD50 Intravenous	Rat	4200 mg/kg	-
	LD50 Oral	Rat	6600 mg/kg	-
	LD50 Subcutaneous	Rat	7800 mg/kg	-
	LDLo Oral	Rat	3739 mg/kg	-
	LC50 Inhalation Gas.	Rat	10000 ppm	5 hours

Conclusion/Summary Not available

Chronic toxicity

Conclusion/Summary Not available

9. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	UN1993	Flammable liquids, n.o.s. (1-methoxy-2-propanol)	3	III		-

PG* : Packing group