

# SAFETY DATA SHEET

Sport Kote

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Identification of the substance or preparation

**Product name** : Sport Kote  
**Product type** : Liquid  
**Product description** : Not available

### Use of the substance/preparation

#### Uses

None identified.

### Company/undertaking identification

**Manufacturer** : Essential Industries, Inc.  
P.O. Box 12  
28391 Essential Rd.  
Merton, WI 53056-0012 USA  
Phone: 262-538-1122

**e-mail address of person responsible for this SDS** : msds@essind.com

**Emergency telephone number (with hours of operation)** : 001-262-821-7814 (24 hours)

No.

## 2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Not classified.

See section 11 for more detailed information on health effects and symptoms.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/preparation** : Preparation

Ingredient name	CAS number	%	Number	Classification
N-methyl-2-pyrrolidone	872-50-4	4.6339	212-828-1	Xi; R36/38 [1]
ethanediol	107-21-1	3.0044	203-473-3	Xn; R22 [1] [2]
<b>See section 16 for the full text of the R-phrases declared above</b>				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.

## 4. FIRST AID MEASURES

### First aid measures

**Inhalation** : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Date of issue/Date of revision** : 8/4/2009.

1/9

## 4. FIRST AID MEASURES

- Ingestion** : Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See section 11 for more detailed information on health effects and symptoms.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : In a fire or if heated, a pressure increase will occur and the container may burst. 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.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
halogenated compounds
- 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.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- 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 or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

## 7. HANDLING AND STORAGE

**Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

**Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. 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.

### Packaging materials

**Recommended** : Use original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
ethanediol	<p><b>EU OEL (Europe, 5/2006). Absorbed through skin. Notes: Indicative</b></p> <p>Limit value: 20 ppm 8 hour(s).            Limit value: 52 mg/m<sup>3</sup> 8 hour(s).            Short term limit value: 40 ppm 15 minute(s).            Short term limit value: 104 mg/m<sup>3</sup> 15 minute(s).</p>

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

### Exposure controls

**Occupational exposure controls** : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Respiratory protection** : None required. However, use of adequate ventilation is good industrial practice.

**Hand protection** : 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.

**Eye protection** : 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.

**Skin protection** : 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.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

#### Appearance

- Physical state : Liquid  
 Color : Yellow [Light]  
 Odor : Bland [Slight]

### Important health, safety and environmental information

- pH : 7.5 to 8.5  
 Boiling point : 100°C (212°F)  
 Melting point : 0°C (32°F)  
 Vapor pressure : <4 kPa (<30 mm Hg)  
 Relative density : 1.03  
 Vapor density : <1 [Air = 1]

## 10. STABILITY AND REACTIVITY

- Chemical stability** : The product is stable.  
**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.  
**Conditions to avoid** : No specific data.  
**Materials to avoid** : No specific data.  
**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics

- Absorption** : Not available  
**Distribution** : Contains material which may cause damage to the following organs: central nervous system (CNS), eye, lens or cornea.  
 Contains material which does not cause damage to the following organs: blood, kidneys, lungs, the nervous system, the reproductive system, liver, mucous membranes, heart, bladder, spleen, brain, digestive system, lymphatic system, peripheral nervous system, gastrointestinal tract, cardiovascular system, upper respiratory tract, endocrine, immune system, skin, , .  
**Metabolism** : Not available  
**Elimination** : Not available

### Potential acute health effects

- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Ingestion** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Eye contact** : No known significant effects or critical hazards.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
N-methyl-2-pyrrolidone	LD50 Oral	Rat	3914 mg/kg	-
ethanediol	LD50 Oral	Rat	4700 mg/kg	-
<b>Conclusion/Summary</b>	: Not available			

### Potential chronic health effects

#### Chronic toxicity

- Conclusion/Summary** : Not available

#### Irritation/Corrosion

- Conclusion/Summary** : Not available

#### Sensitizer

- Conclusion/Summary** : Not available

**Date of issue/Date of revision** : 8/4/2009.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogenicity

Conclusion/Summary : Not available

### Mutagenicity

Conclusion/Summary : Not available

### Teratogenicity

Conclusion/Summary : Not available

### Reproductive toxicity

Conclusion/Summary : Not available

**Chronic effects** : No known significant effects or critical hazards.

**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.

### Over-exposure signs/symptoms

**Inhalation** : No specific data.

**Ingestion** : No specific data.

**Skin** : No specific data.

**Eyes** : No specific data.

## 12. ECOLOGICAL INFORMATION

**Environmental effects** : No known significant effects or critical hazards.

### Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
N-methyl-2-pyrrolidone	-	Acute LC50 1.23 to 1.5 ppm Fresh water	Daphnia - Water flea - Daphnia magna - <24 hours	48 hours
ethanediol	-	Acute LC50 >18500 mg/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss	96 hours
	-	Acute LC50 >100 ml/L Fresh water	Fish - Bluegill - Lepomis macrochirus - 1.2 g	96 hours
	-	Acute LC50 41 to 47 ml/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss - 0.7 g	96 hours
	-	Acute LC50 16 to 18 ml/L Fresh water	Fish - Rainbow trout,donaldson trout - Oncorhynchus mykiss - 1.1 g	96 hours
	-	Acute LC50 27540 mg/L Fresh water	Fish - Bluegill - Lepomis macrochirus - Juvenile (Fledgling, Hatchling, Weanling) - 0.85 g	96 hours
	-	Acute LC50 13900000 to	Daphnia - Water flea -	48 hours

**Date of issue/Date of revision** : 8/4/2009.

## 12. ECOLOGICAL INFORMATION

-	16600000 ug/L Fresh water	Ceriodaphnia dubia - Neonate	
-	Acute LC50 13140000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - <=24 hours	48 hours
-	Acute LC50 10500000 to 12700000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
-	Acute LC50 10000000 to 12300000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
-	Acute LC50 >10000000 ug/L Fresh water	Daphnia - Water flea - Daphnia magna	48 hours
-	Acute LC50 >10000000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas	96 hours
-	Acute LC50 8050000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - <=7 days	96 hours
-	Acute LC50 6900000 to 8800000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
-	Acute LC50 >100000 ug/L Marine water	Crustaceans - Common shrimp, sand shrimp - Crangon crangon - Adult	48 hours
-	Acute LC50 1000000000 ug/L Marine water	Crustaceans - Common shrimp, sand shrimp - Crangon crangon	48 hours
-	Acute LC50 49000000 to 60000000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) - 30 to 35 days - 14.9 mm - 76.8 mg	96 hours
-	Acute LC50 22600000 to 26500000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
-	Acute LC50 25500000 to 29800000 ug/L Fresh water	Daphnia - Water flea - Ceriodaphnia dubia - Neonate	48 hours
-	Chronic NOEC 6090000 ug/L Fresh water	Fish - Fathead minnow - Pimephales promelas - <=7 days	96 hours
-	Chronic NOEC	Fish - Fathead	96 hours

**12. ECOLOGICAL INFORMATION**

39140000 ug/L Fresh water	minnow - Pimephales promelas - <=7 days
- Chronic NOEC 11610000 ug/L Fresh water	Daphnia - Water 48 hours flea - Ceriodaphnia dubia - <=24 hours
- Chronic NOEC 24000000 ug/L Fresh water	Daphnia - Water 48 hours flea - Ceriodaphnia dubia - <=24 hours

<b>Conclusion/Summary</b>	: Not available
<b>Biodegradability</b>	
<b>Conclusion/Summary</b>	: Not available
<b>Other adverse effects</b>	: No known significant effects or critical hazards.
<b>PBT</b>	: Not available
<b>vPvB</b>	: Not available

**13. DISPOSAL CONSIDERATIONS**

<b>Methods of disposal</b>	: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
<b>Hazardous waste</b>	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

**14. TRANSPORT INFORMATION****International transport regulations**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
<b>ADR/RID Class</b>	Not regulated	-	-	-		-
<b>ADNR Class</b>	Not regulated	-	-	-		-
<b>IMDG Class</b>	Not regulated	-	-	-		-
<b>IATA Class</b>	Not regulated	-	-	-		-

PG\* : Packing group

**15. REGULATORY INFORMATION**

<b>Chemical Safety Assessment</b>	: This product contains substances for which Chemical Safety Assessments are still required.
<b>EU regulations</b>	
<b>Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.</b>	
<b>Risk phrases</b>	: This product is not classified according to EU legislation.
<b>Product use</b>	: Consumer applications.

**Date of issue/Date of revision** : 8/4/2009.

## 15. REGULATORY INFORMATION

Europe inventory	: Not determined.
Black List Chemicals	: Not available
Priority List Chemicals	: Not applicable
Integrated pollution prevention and control list (IPPC) - Air	: Not applicable
Integrated pollution prevention and control list (IPPC) - Water	: Not applicable
Prior Informed Consent. List of chemicals subject to the international PIC procedure (Part I, II, III)	: Not applicable

### Other EU regulations

Additional warning phrases	: Safety Data Sheet available for professional user on request.
----------------------------	---

### International regulations

Chemical Weapons Convention List Schedule I Chemicals	: Not applicable
---	------------------

Chemical Weapons Convention List Schedule II Chemicals	: Not applicable
--	------------------

Chemical Weapons Convention List Schedule III Chemicals	: Not applicable
---	------------------

## 16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - Europe	: R22- Harmful if swallowed. R36/38- Irritating to eyes and skin.
---	--

Full text of classifications referred to in sections 2 and 3 - Europe	: Xn - Harmful Xi - Irritant
---	---------------------------------

### Restrictions on use

Uses	None identified.
------	------------------

### History

Date of printing	: 8/4/2009.
Date of issue/ Date of revision	: 8/4/2009.
Date of previous issue	: No previous validation.
Version	: 1
Prepared by	: Not available

☑ Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of issue/Date of revision	: 8/4/2009.
--------------------------------	-------------

**Annex**