

**empack**Empack Spraytech Inc.  
98 Walker Drive  
Brampton, Ontario, L6T 4H6  
Canada  
905-792-6571**PRODUCT: Emzone Rim Protector - 227g****CODE: 044033****SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identity..... Emzone Rim Protector - 227g  
 Product Item Numbers..... 044033  
 Manufacturer..... Empack Spraytech Inc.  
 98 Walker Drive  
 Brampton  
 Ontario  
 Canada  
 L6T 4H6  
 905-792-6571  
 24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.  
 Recommended Use..... Auto rim protector .  
 Consumer Commodity..... Yes.  
 Hazard Ratings:  
 HMIS..... Health: 1 Fire: 4 Reactivity: 0.  
 NFPA Rating..... Health: 1 Fire: 4 Reactivity: 0.

**SECTION 02: HAZARDS IDENTIFICATION**

Emergency Overview..... Danger. Extremely flammable aerosol. Container is under pressure. Container may explode if heated. May catch fire. Do not puncture. Do not burn. Do not get in eyes or clothing. May cause skin and eye irritation. KEEP OUT OF REACH OF CHILDREN .

Potential Health Effects:  
 Skin Contact ..... May cause skin irritation.  
 Eye Contact..... May cause irritation, redness and pain.  
 Ingestion..... Ingestion is not a likely route of exposure.  
 Inhalation..... Prolong inhalation of product may cause irritation.

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Silicones	Proprietary	40-60
Propane	74-98-6	10-30
Isobutane	75-28-5	10-30

**SECTION 04: FIRST AID MEASURES**

Eye Contact..... Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.  
 Skin Contact..... Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation or redness develops consult a poison control centre or physician immediately.  
 Ingestion..... If swallowed, get medical attention immediately. Do not induce vomiting .  
 Inhalation..... Move victim to fresh air. If breathing has stopped, give artificial respiration. If heartbeat absent, give external cardiac compression. Monitor breathing and pulse. If symptoms persist, call a physician.  
 Additional Information..... Note to the doctor; treat symptomatically.

**SECTION 05: FIRE FIGHTING MEASURES**

Flammability Class..... Extremely Flammable.  
 Extinguishing Media..... Carbon dioxide, dry chemicals, foam or water fog.  
 Sensitivity to Mechanical Impact..... Not expected to be sensitive.  
 Sensitivity to Static Discharge..... Not expected to be sensitive.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Spills and Leaks..... Put on appropriate personal protective equipment (see Section 08). Eliminate all sources of ignition and ventilate area. Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13).

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**SECTION 07: HANDLING AND STORAGE**

Precautions for Safe Handling..... Use with adequate ventilation. Do not store in temperatures above 120°F (50°C). Keep away from heat, sparks, and open flames.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Silicones	Not established	Not established	Not established	Not established	Not established	Not established
Propane	2,500 ppm	Not available	1,000 ppm	Not available	1,000 ppm	1,000 ppm
Isobutane	800 ppm	1000 ppm	800 ppm	Not available	800 ppm (TWA)	800 ppm (TWA)
Eye/Face Protection.....	Do not get in eyes. Wear safety glasses with side-shields.					
Skin Protection.....	Normally, no hand protection is required; however, prolonged or repeated contact with skin use chemical resistant gloves conforming to appropriate regulations. Observe the instructions regarding permeability and breakthrough time that are provided by the supplier of the gloves.					
Respiratory Protection.....	Typical use of this product under normal conditions does not require the use of respiratory protection. If airborne concentrations are above the applicable exposure limits (listed below), use NIOSH approved respiratory protection .					
Appropriate Engineering Controls.....	Good general ventilation should be used. Ventilation rates should be matched to conditions. Use local exhaust ventilation to maintain airborne levels below the Threshold Limit Value.					
Exposure Limits						

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State.....	Aerosol.
Physical Appearance.....	Colorless.
Odour.....	Odourless.
Odour Threshold (ppm).....	Not available.
pH.....	Not applicable.
Internal can pressure @21C (psig) .....	60-80.
Vapour Density (Air=1).....	Not available.
Evaporation Rate (n-Butyl Acetate = 1).....	> 1 .
Initial Boiling Point/Boiling Range (°C).....	140°C- 150°C.
VOC Content.....	Not available.
Specific Gravity .....	0.910-0.970.
Specific Gravity (Aerosol).....	0.730 - 0.770.
Solubility in water.....	Not soluble in water.
Aerosol Flame Projection.....	Not available .
Auto Ignition Temperature (Propellant), °C...	460°C (860°F).
Flashback.....	No data .
Flash Point (°C), Method.....	-83.15°C/ -117.7°F.
Lower Flammable Limit (% Vol).....	1.8.
Upper Flammable Limit (% Vol).....	9.5.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical Stability.....	Stable at normal temperatures and pressures.
Incompatible Materials.....	Strong oxidizing agents. Strong acids.
Conditions to Avoid.....	Avoid sources of heat and flame, and electrostatic charge.
Hazardous Decomposition Products.....	Thermal decomposition and burning may produce carbon monoxide and carbon dioxide.
Possibility of Hazardous Reactions.....	Has not been reported.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Silicones	Not established	Not established
Propane	>800,000 ppm (Rat,15min)	Not available
Isobutane	658 mg/L (4hrs,Rat)	Not available
Route of Exposure.....	Skin contact, Eye contact, Inhalation and Ingestion.	
Effects of Acute Exposure.....	Harmful if swallowed or inhaled. Repeated or prolonged contact may cause slight irritation to the skin. May cause irritation to the eyes.	
Chronic Effects.....	May cause skin defatting and dermatitis.	

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Carcinogenicity..... Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.  
 Reproductive Toxicity..... No information is available, and no adverse effects are expected.  
 Teratogenicity..... No information is available, and no adverse effects are expected.  
 Germ Cell Mutagenicity..... No information is available, and no adverse effects are expected.  
 Toxicological Data

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Complete information is not yet available. Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

TDG (Canada- Road)..... AEROSOLS, Class 2.1, UN1950.  
 DOT (US-Road)..... AEROSOLS, Class 2.1, UN1950, LTD QTY, Consumer commodity ORM-D.  
 IMDG (International- Marine)..... AEROSOLS, Class 2.1, UN1950.  
 IATA (International- Air)..... AEROSOLS, Class 2.1, UN1950, LTD QTY.

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations:..... WHMIS Classification. A: Compressed gas. B5: Flammable Aerosol. CPR (Canadian Controlled Product Regulations): All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the CPR and this SDS contains all information required by CPR. IDL (Canadian Ingredient Disclosure List): Component(s) of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List (section 03).  
 US Regulations..... Environmental Protection Act: Constituents of this product are included on the TSCA inventory. OSHA (29CFR 1910.1200) Classification: Compressed Gas. HIMS Classifications: see section 01.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Empack assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.  
 Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.  
 Prepared by ..... Regulatory Affairs  
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