



Mueller Sports Medicine, Inc.
 One Quench Drive, Prairie du Sac, WI 53578 USA * (608) 643-8530 * Fax (608) 643-2568

MATERIAL SAFETY DATA SHEET

Health : 3
 Flammability :4
 Reactivity : 0

MATERIAL: Tuffner Pre-Tape Spray	DATE ISSUED: 09-01-11	DOT HAZARD CLASSIFICATION Consumer Commodity HAZARD CLASS ORM-D
CAS NO. See Section I	SUPERCEDES 04-25-08	DOT LABEL Carton marked with ORM-D

FORMULA: Mixture
CHEMICAL NAME: NA

***** I - INGREDIENTS *****

<u>Material</u>	<u>CAS Number</u>	<u>PEL/TLV, Source</u>	
Liquefied Petroleum Gas	68476-85-7	1000 ppm, OSHA	35-40
Isopropyl Alcohol	67-63-0	400 ppm, OSHA	5-15
Heptanes	142-82-5	400 ppm, OSHA	15-20
Acetone	67-64-1	500 ppm, ACGIH	20-30
Partially hydrogenated Rosin	65997-06-0	10 mg/m ³ , ACGIH	5-10

***** II - PHYSICAL AND CHEMICAL PROPERTIES *****

Boiling Point: -43.7°F
Pressure in a can at 70°F: Approx. 50 psig
Vapor Point: Greater than 1.0
Solubility in water: Negligible
Specific Gravity (Water = 1) Less than 1.0
Percent Volatile by weight Approx. 100%
Evaporation Rate (BuAce = 1) Greater than 1
Appearance and Odor Cloudy liquid, with solvent odor

***** III - FIRE AND EXPLOSION INFORMATION *****

Flammability Category: Extremely Flammable (Reference – Consumer Product Commission, Flame projection test for aerosol Products, per 16 CFR 1500.45)

Flash Point: -156°F (for aerosol propellant)

Flammable Limits: Estimated LEL% 1.8 UEL% 9.5

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide

Unusual Fire and Explosion Hazards: Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120° Do not puncture or incinerate.

Special Fire Fighting Procedures: Avoid possible accumulations of vapors at floor level, as vapor is heavier than air. Self-contained breathing



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Apparatus and protective clothing should be worn in fighting fires involving chemicals.

***** IV - HEALTH EFFECTS INFORMATION *****

Suggested Exposure Guideline: 100 ppm
Primary Route of Exposure: Inhalation, Skin, Contact
Inhalation: Dizziness, nausea, headaches, and loss of consciousness.
Skin Contact: Irritation upon prolonged contact. Defatting of skin possible with prolonged contact.
Eye Contact: Irritation
Carcinogenicity: None of the components in this material are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen or potential carcinogen.

***** V - REACTIVITY INFORMATION *****

Stability: Stable
Conditions to Avoid: Heat, Sparks, flames, strong oxidizers
Hazardous Polymerizations: Will not occur
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, and toxic gases possible if thermally decomposed

***** VI - SPILL AND DISPOSAL INFORMATION *****

Steps to be taken in case Material is released or spilled: Ventilate area well. Avoid any sources of ignition for flammable liquid or vapor. Soak up on suitable absorbent material.
Waste disposal method: Conventional solvent waste receptacle. Dispose of in accordance with all local State and federal regulations Avoid contamination of groundwater.

***** VII - PERSONAL PROTECTION INFORMATION *****

Respiration Protection: If TLV is exceeded wear NIOSH-approved shelf-contained breathing
Ventilation: Must be adequate to maintain vapors at less than 100ppm, particularly at floor Level as vapors are heavier than air.
Protective Gloves: None needed for normal use. Neoprene, Polyvinyl Alcohol recommended if Prolonged exposure expected.
Eye Protection: Safety glasses or goggles recommended.
First Aid:
Inhalation: Remove to fresh air. Artificial respiration, consult physician.
Skin Contact: Wash with soap and water. Remove soaked clothing to avoid prolonged skin contact.
Eye Contact: Flush eyes well with running water for 15 minutes.
Carcinogenicity: None of the components in the material are listed by IARC, NTP, OSHA, or ACGIH ACGIH as a carcinogen or potential carcinogen.

***** VIII - STORAGE AND HANDLING *****

Precautions to be taken in handling and storage: Do not store where temperature may exceed 120° F. Store away from, fire, spark, or flame.
D.O.T. Shipping Classification: Consumer Commodity ORM-D



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Hazard Class:	ORM-D
ID Number:	None
Label Required:	None, carton must be marked with ORM-D
Special Precautions:	Do not use near heat, fire, flame, or sparks. Avoid excessive breathing of vapor. Use only in accordance with directions.