

# MATERIAL SAFETY DATA SHEET

HETMAN® TSG™ LUBRICANT

MSDS: H08-TSG  
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March 24, 2016

I. PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

**PRODUCT NAME/CODE:** Hetman® TSG™ Lubricant H08-TSG- \* (\* = Prod. Qty.)  
**INTENDED USE:** Lubrication of Musical Instrument Components  
**CHEMICAL NAME:** Proprietary Mixture – Trade Secret  
**CHEMICAL FAMILY:** Wax, ester  
**COMPANY NAME:** Musikwerks 18 Pettit Avenue South River, NJ 08882 USA  
**EMERGENCY PHONE:** 732-305-6343, 609-72-1332

II. PRODUCT INGREDIENTS (COMPOSITION / INFORMATION ON INGREDIENTS)

COMPOSITION	CAS NUMBER	LIMIT/QTY	AGENCY/TYPE	PERCENT
TSG™	Mixture	None	NA	100%

(Proprietary mixture not tested as a whole to determine its hazards)

III. HAZARDS IDENTIFICATION AND PRECAUTIONS

**EMERGENCY OVERVIEW**

**APPEARANCE:** Yellow to amber solid.

**PRINCIPAL HAZARDS:** NA None Identified Non-hazardous

**SIGNAL WORD/HAZARD STATEMENT:** NA

**PRECAUTIONS:** Keep out of the reach of young children; use only under adult supervision. Do not take internally. Avoid contact with eyes, skin, and clothing.

**POTENTIAL HEALTH EFFECTS**

**EYE CONTACT:** Not expected to cause significant eye irritation.

**SKIN CONTACT:** Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation.

**INGESTION:** Not expected to be harmful.

**INHALATION:** Not expected to be harmful.

IV. FIRST AID MEASURES

**EYE CONTACT:** Remove contact lenses if worn. Flush eyes with water for at least 15 minutes. Consult a physician.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with soap and water. Clean contaminated clothing before reuse.

IV. FIRST AID MEASURES (continued)

**INGESTION:** If swallowed, do NOT induce vomiting. Consult a physician.

**INHALATION:** Remove person to fresh air. Consult a physician.

V. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

OSHA Classification (29 CFR 1910.1200): Not classified as flammable or combustible.

**FLAMMABLE PROPERTIES:**

FLASHPOINT AND METHOD: 500 °F (260 °C) COC, typical

AUTOIGNITION: NDA

FLAMMABLE LIMITS (% BY VOLUME IN AIR): Lower: NDA Upper: NDA

EXTINGUISHING MEDIA: Water fog.

**NFPA RATINGS:** Health 0; Flammability 1; Reactivity 0.

**FIRE FIGHTING INSTRUCTIONS:** Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Water may cause splattering. Material will float on water.

**COMBUSTION PRODUCTS:** Smoke, carbon dioxide, carbon monoxide, aldehydes and other products of incomplete combustion.

VI. ACCIDENTAL RELEASE MEASURES

**PROTECTIVE MEASURES:** Wear appropriate personal protective equipment when responding to spills.

**SPILL MANAGEMENT:** Stop the source of the leak or release if safe to do so. Contain liquid to prevent contamination of soil and water, or entry into drainage and sewer systems. Clean up small spills with appropriate absorbent materials (such as clay or sand), and dispose of in accordance with federal, state, and local regulations. Follow appropriate regulations and procedures for reporting and responding to larger releases.

VII. HANDLING AND STORAGE

Read and observe all precautions on product label and MSDS. Keep out of the reach of young children; use only under adult supervision. Do not take internally. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Keep container closed when not in use. Store in a cool, dry area with adequate ventilation. Do not store near sources of ignition, high temperatures, strong acids, strong bases, or strong oxidizing agents. Avoid contaminating soil or releasing this material into drainage and sewer systems, and bodies of water.

Do not use pressure to empty container as container may rupture with explosive force. Empty containers retain product residue and can be dangerous. Do not pressurize, braze, cut, drill, grind, solder, weld, or expose the containers to heat, flame, sparks, static electricity or other sources of ignition. Containers may explode and cause injury or death. Empty containers should be completely drained, tightly closed and properly disposed of in accordance with federal, state and local regulations.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use in a well-ventilated area.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYE / FACE PROTECTION:** No eye protection is normally required. However, use of eye protection is good industrial practice.

**SKIN PROTECTION:** If engineering controls or work practices are not adequate to prevent skin contact, wear protective clothing. Protective clothing may include gloves, aprons, boots and complete facial protection. Suggested materials for gloves include; Viton, Nitrile and Polyurethane.

**RESPIRATORY PROTECTION:** No respiratory protection is normally required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION:	Yellow to amber solid.
pH:	ND
SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	< 1 @ 20 °C
VAPOR PRESSURE:	NA
VISCOSITY:	NA

X. STABILITY AND REACTIVITY

**HAZARDOUS DECOMPOSITION PRODUCTS (THERMAL):**

Smoke, carbon dioxide, carbon monoxide, aldehydes and other products of incomplete combustion.

**CHEMICAL STABILITY:**

Stable.

**CONDITIONS TO AVOID:**

Avoid high temperatures and sources of ignition.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Strong Acids, strong bases, and strong oxidizing agents.

**HAZARDOUS POLYMERIZATION:**

Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Based on data for similar products and / or components, this material is considered to be nontoxic.

XII. ECOLOGICAL INFORMATION

This material is expected to show limited biodegradation.

XIII. DISPOSAL CONSIDERATIONS

Place contaminated materials in appropriate containers and dispose of in accordance with applicable regulations. Consult local authorities for approved disposal of this material.

XIV. TRANSPORTATION INFORMATION

Not regulated as a hazardous material by the Federal DOT.

XV. REGULATORY INFORMATION

**CARB AND EPA:**

Consumer Product VOC Content Limits: Exempt

XVI. OTHER INFORMATION

XVII. STATE RIGHT TO KNOW

Trade Secret NJTSRN 071288-H08-TSG

The information contained herein is based on data that is believed to be accurate. Musikwerks makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Musikwerks assumes no responsibility for injury from the use of the product described herein.