# MASTER QUICK SHINE
# SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

| | |
|---|---|
| Chemical Name | Mixture |
| CAS No. | Mixture |
| Trade Name | MASTER QUICK SHINE |
| Product Code | 10-502655 |

**Relevant identified uses of the substance or mixture and uses advised against**

| | |
|---|---|
| Identified Use(s) | Shoe Spray Shine |
| Uses Advised Against | None |
| Company Identification | Petronio Shoe Products Co Inc<br>125 South Macquesten Parkway<br>Mount Vernon, NY 10550 |
| Telephone | (973) 751-7579 |
| Fax | (914) 699-2783 |
| E-Mail (competent person) | sales@petroniopackaging.com |

**Emergency telephone number**

| | |
|---|---|
| Emergency Phone No. | **Transportation Emergency:** INFOTRAC **1-800-535-5053** 24 hr. / 1 (352) 323 -3500 Outside USA |

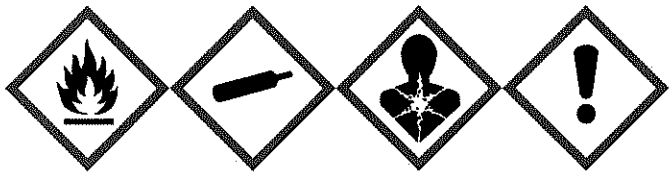
## SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200) — Flam. Aerosol 1; Liquefied gas; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1; Repr. 2; STOT RE 2

**Label elements**

Hazard Symbol



Signal word(s): **DANGER**

Hazard Statement(s):

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure: Respiratory tract and Central nervous system.

Precautionary Statement(s):

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not pierce or burn, even after use.

# MASTER QUICK SHINE

Use only outdoors or in a well-ventilated area.

Avoid breathing mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands and exposed skin after use.

Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

**Other hazards** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s) | % wt. * | CAS No. | Hazard classification |
|---|---|---|---|
| Heptane, branched, cyclic and linear | 50-55 | 426260-76-6 | Flam. Liq. 2, H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412 |
| Ethylene glycol | 1-3 | 107-21-1 | Acute Tox. 4; H302<br>STOT RE 2; H373 |
| Isopropanol | 1-5 | 67-63-0 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336 |
| Acrylic polymer(s) | 5-15 | N/A | Not Hazardous |
| Propane | 10 - 20 | 74-98-6 | Flam. Gas 1; H220<br>Liquefied gas; H280 |
| n-Butane | 10-20 | 106-97-8 | Flam. Gas 1; H220<br>Liquefied gas; H280 |
| Lanolin | 0.5-3 | 8006-54-0 | Not classified |
| Toluene | 2-7 | 108-88-3 | Flam. Liq. 2; H225<br>Repr. 2; H361<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Asp. Tox. 1; H304<br>STOT SE 3; H336<br>STOT RE 2; H373<br>Aquatic Acute 2; H401<br>Aquatic Chronic 3; H412 |

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

**Additional Information:** None

## SECTION 4: FIRST AID MEASURES

**Description of first aid measures**

Inhalation — Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact — Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

| | |
|---|---|
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention. |
| **Most important symptoms and effects, both acute and delayed** | May be fatal if swallowed and enters airways. Do NOT induce vomiting. |
| **Indication of any immediate medical attention and special treatment needed** | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |

## SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**

| | |
|---|---|
| -Suitable Extinguishing Media | Extinguish with carbon dioxide, dry chemical, foam or water spray. |
| -Unsuitable Extinguishing Media | Do not use water jet. |
| **Special hazards arising from the substance or mixture** | Pressurized container: May burst if heated |
| **Advice for fire-fighters** | A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/eye protection. |
| **Environmental precautions** | Prevent liquid entering sewers, basements and work pits. |
| **Methods and material for containment and cleaning up** | Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. |
| **Reference to other sections** | None |
| **Additional Information** | None |

## SECTION 7: HANDLING AND STORAGE

| | |
|---|---|
| **Precautions for safe handling** | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Wear protective gloves/eye protection. Use product in a well-ventilated area only. Avoid breathing spray. |

**Conditions for safe storage, including any incompatibilities**

| | |
|---|---|
| -Storage temperature | Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. |
| -Incompatible materials | This product should be stored away from sources of strong heat or oxidizing chemicals. |
| **Specific end use(s)** | Soldering Aid / Flux Releasing Agent |

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

| | | (8hr TWA) | | (STEL) | | |
|---|---|---|---|---|---|---|
| SUBSTANCE. | CAS No. | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | Note: |
| Heptane, branched, cylic | 426260-76-6 | 500 ppm* | 1500 mg/m$^3$ | ---- | ----- | *n-heptane |

| | | | | | | |
|---|---|---|---|---|---|---|
| and linear | | | | | | |
| Toluene | 108-88-3 | 200 | 20 | 300* | ------ | *10-min. Ceiling |
| n-Butane | 106-97-8 | ----- | 250 ppm | ----- | ----- | ----- |
| Propane | 74-98-6 | 1000 ppm | Aspyx.# | ----- | ----- | # |
| Isopropanol | 67-63-0 | 400 ppm | 200 ppm | 500 ppm | 400 ppm | ----- |

#Assure minimum oxygen content of work atmosphere.

**Recommended monitoring method** NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); NIOSH 1501 (Hydrocarbons, Aromatic); NIOSH 1400 (Isopropanol)

**Exposure controls**

**Appropriate engineering controls** Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

Eye/face protection — Wear protective eyewear (goggles, face shields, or safety glasses).

Skin protection (Hand protection/ Other) — Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection — Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards — Not normally required. Use gloves with insulation for thermal protection, when needed.

**Environmental Exposure Controls** Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance | Aerosol spray |
| Color. | Colourless |
| Odor | Slightly ethereal |
| Odor Threshold (ppm) | Not available |
| pH (Value) | Not available |
| Melting Point (°C) / Freezing Point (°C) | Not available. |
| Boiling point/boiling range (°C): | Not available. |
| Flash Point (°C) | -104 (Propane) |
| Evaporation Rate | Not available. |
| Flammability (solid, gas) | Extremely flammable |
| Explosive Limit Ranges | 2.1% - 9.5% v/v (Propane) |
| Vapor pressure (Pascal) | ca. 95 x $10^4$ (Propane) |
| Vapor Density (Air=1) | ca. 1.56 @ 0°C (Propane) |
| Density (g/ml) | Not available. |
| Solubility (Water) | Solubility (Other) Not available |
| Solubility (Other) | Not available |
| Partition Coefficient (n-Octanol/water) | Not available |
| Auto Ignition Point (°C) | 440 (1,1-Diflouroethane) |

| | |
|---|---|
| Decomposition Temperature (°C) | Not available |
| Kinematic Viscosity (cSt) | <20.5 @ 40 °C |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| **Other information** | Not available |

## SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity** | Stable under normal conditions. |
| **Chemical stability** | Stable. |
| **Possibility of hazardous reactions** | None anticipated. |
| **Conditions to avoid** | Avoid contact with heat and ignition sources. |
| **Incompatible materials** | This product should be stored away from sources of strong heat or oxidizing chemicals. |
| **Hazardous decomposition product(s)** | Carbon monoxide, Carbon dioxide, Acrid smoke |

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects**

Heptane, branched, cylic and linear (CAS# 426260-76-6) - By analogy with similar materials:

| | |
|---|---|
| **Acute toxicity** | Oral: LD50 >5 g/kg-bw<br>Dermal: LD50 >2 g/kg-bw<br>Inhalation: LC50 = 65 - 103 mg/L (Vapour), 4-hr. rat<br>May cause drowsiness or dizziness.<br>May be fatal if swallowed and enters airways. |
| **Irritation/Corrosivity** | Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation. |
| **Sensitisation** | It is not a skin sensitiser. |
| **Repeated dose toxicity** | NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)<br>LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects)<br>May cause drowsiness or dizziness. |
| **Carcinogenicity** | No data. It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|---|---|---|---|---|
| No. | No. | No. | No. | No. |

| | |
|---|---|
| **Mutagenicity** | There is no evidence of mutagenic potential. |
| **Reproductive toxicity** | None anticipated |

Toluene (CAS No. 108-88-3)

| | |
|---|---|
| **Acute toxicity** | Oral LD50 = 5580 mg/kg (rat)<br>Dermal LD50 >5000 mg/kg (rabbit)<br>Inhalation LC50 (4 hour(s)) 28.1 mg/l (rat) - Vapours may cause drowsiness and dizziness. |
| **Irritation / Corrosivity** | Causes serious eye irritation. Causes skin irritation. |
| **Sensitisation** | It is not a skin sensitiser. |
| **Repeated dose toxicity** | Inhalation NOAEC = 1131 mg/m$^3$ (rat), 2 Year(s) - May cause damage to organs through prolonged or repeated exposure: neuropsychological effects, auditory dysfunction, and effects on color vision. |
| **Carcinogenicity** | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|---|---|---|---|---|
| No. | No. | No. | No. | No. |

**Mutagenicity** There is no evidence of mutagenic potential.
**Reproductive toxicity** Suspected of damaging the unborn child. NOAEC: 2.8 mg/liter (rat)

Isopropanol (CAS No. 67-63-0):

**Acute toxicity** Oral: LD50 5840 = mg/kg (rat)

Inhalation: LC50 > 10000 ppm (6-hr, rat, Vapour) May cause drowsiness or dizziness.

Dermal: LD50 > 16.4 ml/kg

**Irritation/Corrosivity** Causes serious eye irritation.
**Sensitization** It is not a skin sensitiser.

**Repeated dose toxicity** NOEC:500 ppm (104-week(s), rat)
NOAEC: 5000 ppm (104-week(s), rat, Systemic effects)

**Carcinogenicity** No evidence of carcinogenicity.NOEL: 5000 ppm

| NTP | IARC | ACGIH | OSHA | NIOSH |
|---|---|---|---|---|
| No. | No. | No. | No. | No. |

**Mutagenicity** There is no evidence of mutagenic potential.
**Reproductive toxicity** None anticipated

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Heptane, branched, cylic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Short term
LL50 (96 hour): >13.4 mg/L (*Oncorhynchus mykiss*)
EL50 (48 hour): 3 mg/l (*Daphnia magna*, mobility)
EC50 (96 hour): 13 mg/l (*Pseudokirchnerella subcapitata*)

Long Term
NOELR (28 days) 1.5 mg/l *(Fish)* QSAR
LOEC (21 days): 0.32 mg/l (*Daphnia magna*)
NOEL (96 hour) 6.3 mg/l (Algae)

Toluene (CAS No. 108-88-3)

Acute toxicity
LC50 (96 hour): 5.5 mg/l (*Oncorhynchus kisutch*)
EC50 (48 hour): 3.78 mg/l (*Ceriodaphnia dubia*)
EC50 (3 hour): 134 mg/l (Algae)

Long Term Toxicity
NOEC (40 days): 1.39 mg/l (*Oncorhynchus kisutch*)
NOEC (7 days): 0.74 mg/l (*Ceriodaphnia dubia*)

**Persistence and degradability** Readily biodegradable.
**Bioaccumulative potential** The product has no potential for bioaccumulation.
**Mobility in soil** Not available.
**Results of PBT and vPvB assessment** Not classified as PBT or vPvB.
**Other adverse effects** None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods** Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

## SECTION 14: TRANSPORT INFORMATION

| | U.S. DOT | Sea transport (IMDG) | Air transport (ICAO/IATA) |
|---|---|---|---|

| | | | |
|---|---|---|---|
| **UN number** | 1950 | 1950 | 1950 |
| **Proper Shipping Name** | Aerosols, flammable | Aerosols, flammable | Aerosols, flammable |
| **Transport hazard class(es)** | 2.1 | 2.1 | 2.1 |
| **Packing group** | Not applicable | Not applicable | Not applicable |
| **Environmental hazards** | None assigned | None assigned | None assigned |
| **Special precautions for user** | None assigned | None assigned | None assigned |

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

## SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**TSCA (Toxic Substance Control Act) -** Inventory Status: All components listed or polymer exempt.

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|---|---|---|---|
| Toluene | 108-88-3 | 2 | 1000 |

**SARA 311/312 - Hazard Categories:** See SECTION 2: HAZARDS IDENTIFICATION

**SARA 313 - Toxic Chemicals (40 CFR 372):**

| Chemical Name | CAS No. | Typical %wt. |
|---|---|---|
| Toluene | 108-88-3 | 2% |

**SARA 302 - Extremely Hazardous Substances (40 CFR 355):**

| Chemical Name | CAS No. | Typical %wt. | TPQ (pounds) |
|---|---|---|---|
| None | ------ | ------- | ------- |

**California Proposition 65 List:**

| Chemical Name | CAS No. | Type of Toxicity |
|---|---|---|
| Ethylbenzene | 100-41-4 | Cancer |
| Benzene | 71-43-2 | Cancer |
| Toluene | 108-88-3 | Developmental |

## SECTION 16: OTHER INFORMATION

**The following sections contain revisions or new statements:** 1-16.
**Date of preparation:** July 25, 2017
**Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:**

**Hazard Statement(s)**
- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H280: Contains gas under pressure; may explode if heated.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure:
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

**Training advice:** None.

Disclaimer: We believe the statements, technical information, and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as

supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.