SAFETY DATA SHEET

1. Identification
Product identifier - Steel Shield "WEAPON SHIELD SOLVENT"
Other means of identification - WS Solvent
Product code WSS
Synonyms Long Chain Synthetic Hydrocarbons with Proprietary Additives
Recommended use Cleaning Firearms And Weapons, Removing Burnt Powder, Fouling, Plastic, Lead, Copper, etc.
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information
Manufacturer Company name Steel Shield Technologies, Inc.
Address 3351 Industrial Blvd, Bethel Park, PA 15102
Email - gcfeitn@weaponshield.com, sstinc2@verizon.net
Emergency phone number CHEMTREC (U.S. and Canada) 18004249300
CHEMTREC (Outside the U.S.) 17035270585

2. Hazard(s) identification
Physical hazards None.
Health hazards None.
Environmental hazards None.
OSHA defined hazards None.
Label elements None
Hazard symbol None.
Signal word None.
Hazard statement The substance does not meet the hazardous criteria for classification.

Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise None known.
Supplemental information None.

3. Composition/information on ingredients
Substances Chemical name Common name and synonyms %
Long Chain Synthetic Hydrocarbon with Proprietary Additives - Non-Hazardous 100%

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.
Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important Direct contact with eyes may cause temporary irritation.

symptoms/ effects, acute and delayed Indication of immediate Treat symptomatically.

medical attention and special treatment needed General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

5. Firefighting measures
Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media Specific hazards arising from the chemical
Do not use water jet as an extinguisher, as this will spread the fire. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures
Personal precautions, Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
protective equipment and emergency procedures
Methods and materials for containment and cleaning up
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for reuse. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage
Precautions for safe handling Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities
Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/ personal protection
Occupational exposure limits No exposure limits noted for ingredient(s).
Biological limit values No biological exposure limits noted for the ingredient(s).
Appropriate engineering Good general ventilation (typically 10 air changes per hour) should be used.

Individual protection measures, such as personal protective equipment
Eye/ face protection Wear safety glasses with side shields (or goggles).
Hand protection Wear appropriate chemical resistant gloves.
Skin protection Other Wear suitable protective clothing.
Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards Wear appropriate thermal protective clothing, when necessary.
9. Physical and chemical properties

**Appearance** - Light Amber Liquid

**Physical State** - Liquid

**Physical Form** - Light Viscosity Liquid

**Color** - Amber

**Odor** - mild cinnamon odor

**Odor Threshold** - NA (Not Applicable)

**pH** - Not Applicable

**Melting Point/Freezing Point** - Not Applicable

**Boiling Point** - >390° F

**Flash Point** - 153 °F (PMCC)

**Evaporation Rate** - <0.07

**Flammability** - Non Flammable

**Upper/ lower flammability or explosive limits**

**Flammability limit lower** - Not Applicable  **Flammability limit upper** - Not Applicable

**Explosive limit lower** - Not Applicable  **Explosive limit upper** - Not Applicable

**Vapor pressure (mmHg)** - <1@25 C

**Vapor density (Air-1)** - 5.48

**Solubility (water)** - Insoluble

**Partition coefficient** - Not Applicable

**Auto ignition temperature** - Not Applicable

**Decomposition temperature** - Not available

**Viscosity** - 5 SUS @ 78deg F

**Other information:**

**Flammability class** - Combustible III B

**Flash point class** - Combustible III B

**Specific gravity** - 1.02

10. Stability and reactivity

**Reactivity** - The product is stable and nonreactive under normal conditions of use, storage, and transport.

**Chemical stability** - Material is stable under normal conditions.

**Possibility of hazardous reactions** - Conditions to avoid - No dangerous reaction known under conditions of normal use.

**Incompatible materials** - Strong oxidizing agents.

**Hazardous decomposition byproducts** - Carbon dioxide, carbon monoxide, various hydrocarbons if combustion is not complete.
11. Toxicological information

Information on likely routes of exposure
Ingestion Expected to be a low ingestion hazard.
Inhalation No adverse effects due to inhalation are expected.
Skin contact No adverse effects due to skin contact are expected.
Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects
Acute toxicity Not available.
Skin corrosion/ irritation Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization
Respiratory sensitization Not available.
Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulated Substances (29 CFR 1910.10011050) - Not Listed

Reproductive toxicity Non-Mutagenic - This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity Not classified

Single exposure Specific target organ toxicity Not classified

Repeated exposure Aspiration hazard Not available.

12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous.
Environmentally Friendly, Contains No Volatiles.
13. Disposal considerations

**Disposal instructions**  Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations**  Dispose in accordance with all applicable regulations.

**Hazardous waste code**  The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**  Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**  Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information DOT

**IMDG**  Not regulated as dangerous goods.

**IATA**  Not regulated as dangerous goods.

**Transport in bulk according to**  No information available.

**Annex 11 of MARPOL 73/78 and the IBC Code**

15. Regulatory information

**US federal regulations**  All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**CERCLA Hazardous Substance List (40 CFR 302.4)**  Not listed.

**SARA 304 Emergency release notification**  Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.10011050)**  Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**
- Immediate Hazard  No
- Delayed Hazard  No
- Fire Hazard  No
- Pressure Hazard  No
- Reactivity Hazard  No

**SARA 302 Extremely hazardous substance**  No

**SARA 311/312**  No

**Hazardous chemical SARA 313 (TRI reporting)**  Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  Not regulated.

**Other adverse effects**  No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
Safe Drinking Water Act Not regulated. (SDWA) US state regulations US. Massachusetts RTK Substance List Not regulated.
US. New Jersey Worker and Community Right-to-Know Act Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law Not listed.
US. Rhode Island RTK Not regulated.
US. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other information, including date of preparation or last revision

Issue date 07-29-2015
Revision date 07-29-2015  Version #1

HMI S® ratings
Health: 1 Flammability: 2 Physical hazard: 0 Personal protection: B

NFPA ratings  Health: 1 Flammability: 2 Instability: 0

Disclaimer  The information in the sheet was written based on the best knowledge and experience currently available.