



SAFETY DATA SHEET – PROLUBE™

1. Identification Product Identifier “ ProMaxx® ProLube™

Other means of identification (Drill and Tap)

Product Code DTS

Synonyms Cutting Fluid

Recommended use Drilling, Tapping, Machining

Recommended restrictions Not for water soluble, glycol or alkanolamine mixing.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer Company Name: Steel Shield Technologies

Address: 3351 Industrial Blvd. Bethel Park, PA. 15102

Emergency Phone Number CHEMTREC (U.S. and Canada) 1-800-424-9300
CHEMTREC (Outside the U.S.) 1-703-527-0585

2. Hazard(s) Identification

Physical hazards None

Health hazards None

Environmental hazards None – Environmentally friendly

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 CAS number %

Long Chain Synthetic Hydrocarbon with Proprietary Additives – No CAS#, 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 Treat symptomatically.

Indication of immediate 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.

4. 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.

5. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. For personal protection, see Section 7 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.

6. 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.)

7. 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.

8. Physical and Chemical Properties

Appearance: Amber Liquid

Physical State: Liquid

Physical Form: Liquid

Color: Amber

Odor: Mild oil odor

Odor Threshold: NA (not available)

pH: Not applicable

Melting Point/Freezing Point: -45° to 480°+ F

Boiling Point: >238° C (460° F)

Flash Point: >=226.0° C (439° F) Cleveland Open Cup ASTM D 92/ ISO 2592

Evaporation Rate <0.01

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: <1@25 C

Vapor density: Not applicable

Solubility (water): Insoluble

Partition coefficient: Not applicable

Auto ignition temperature: Not applicable

Decomposition temperature: Not available

Viscosity: 20 SUS @ 78° F

Other Information:

Flammability class: Combustible IIIB

Flash point class: Combustible IIIB

Specific Gravity: 1.07

9. Stability and Reactivity

Reactivity: The product is stable and non-reactive 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 by-products: Carbon dioxide, carbon monoxide, various hydrocarbons, if combustion is not complete.

10. 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 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 >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

11. Ecological Information

Ecotoxicity

This product is not classified as environmentally hazardous. It is environmentally friendly.

Contains no volatiles.

12. 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 above).

Contaminated packaging

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

13. Transport Information DOT

IMDG: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

14. 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 & Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

15. Other Information, including date of preparation or last revision

Issue Date: 07-29-2015

Revision Date: 07-29-2015 **Version #1**

HMIS® ratings

Health: 1 Flammability: 1 Physical Hazard: 0 Personal Protection: B

NFPA ratings Health: 1 Flammability: 1 Instability: 0

Disclaimer

The information in this sheet was written based on the best knowledge and experience commonly available.