



Assembly Lube (Anti-Seize)

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name Not applicable.
CAS No. Mixture
Trade Name Assembly Lube (Anti-Seize)
Product Code None

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

Identified Use(s) Lubricant
Uses Advised Against None

Company Identification Finish Line Technologies, Inc.
50 Wireless Blvd.
Hauppauge, NY 11788

Telephone (631) 666-7300
E-Mail (competent person) SDSinfo@finishlineusa.com

Emergency telephone number

Emergency Phone No. PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304 &
CHEMTREC 24 hr: 1-800-424-9300 / 1 (703) 527-3887
(Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) Not classified as dangerous for supply/use.

Label elements

Hazard Symbol None
Signal word(s) None
Hazard Statement(s) None
Precautionary Statement(s) IF ON SKIN: Wash with plenty of soap and water.
Keep out of reach of children.

Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.
Not classified as dangerous for supply/use.	-----	-----

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.:

- Copper Powder (20 - 40%); CAS No. 7440-50-8
- Zinc Oxide (5 - 15%); CAS No. 1314-13-2



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SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain 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. If symptoms occur obtain medical attention.
Ingestion	Do not induce vomiting wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical treatment.

Most important symptoms and effects, both acute and delayed None known.

Indication of any immediate medical attention and special treatment needed None

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 None known.

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 Wear protective gloves/eye protection.

Environmental precautions Avoid run off to waterways and sewers.

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 Avoid contact with skin and eyes. When using do not eat, drink or smoke.



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Conditions for safe storage, including any incompatibilities

- Storage temperature: Store at room temperature.
- Incompatible materials: Strong oxidising agents.
- Specific end use(s): Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - Unlikely to be hazardous by inhalation.

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Copper, dust and mists	7440-50-8	1 mg/m ³	1 mg/m ³	-----	-----	-----
Zinc oxide, dust	1314-13-2	15 mg/m ³	2 mg/m ³	-----	10 mg/m ³	-----

Recommended monitoring method NIOSH 7300 (Elements)

Exposure controls

Appropriate engineering controls

Not normally required.

Personal protection equipment

Eye/face protection

Wear chemical resistant protective eye glasses.



Skin protection (Hand protection/ Other)

Wear protective gloves. (Nitrile rubber)



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not normally required.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Paste
Color.	Copper
Odor	Not available
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)	>100 (> 212 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Explosive Limit Ranges	Not available



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Vapour pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Insoluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt @40°C)	Not available
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	None known
Incompatible materials	Strong oxidising agents
Hazardous decomposition product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Substances in preparations / mixtures

This material is unlikely to present a significant health hazard under normal conditions of handling and use.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Substances in preparations / mixtures

Zinc oxide (CAS # 1314-13-2)

Short term

LC50 (96 hour): 1.793 mg/L (Danio rerio)
EC50 (48 hour): 2.6-9 mg/l (*Daphnia magna*, mobility)
IC50 (96 hour): 0.136 mg/l (*Pseudokirchnerella subcapitata*)

Long Term (By analogy with similar materials)

NOEC (30 days) 0.0 75 mg/l (*Jordanella floridae*)
NOEC (21 days): 0.156 mg/l (*Daphnia magna*)
NOEL (96 hour) 0.06 mg/l (Algae)

Persistence and degradability

This substance is predicted not to degrade in soil and water.

Bioaccumulative potential

The product has low potential for bioaccumulation.

Mobility in soil

The substance has low mobility in soil.

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.



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SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			3082
Proper Shipping Name	Not classified as dangerous for transport	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S..(Copper, Zinc Oxide)	
Transport hazard class(es)			9
Packing group			III
Environmental hazards			Marine Pollutant
Special precautions for user			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)
Copper	----	25	5000

SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Copper	7440-50-8	25
Zinc compounds	1314-13-2	10

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
None	----	----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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