

1. Identification	
Product Name(Identifier)	TST Ink & Lipstick Pen
Supplier	Total Systems Technology Inc.
Address	65 Terence Drive, Pittsburgh, PA 15236
Phone Number	412-653-7690
Emergency Phone Number	800-245-4828
Recommended Use	Ink remover from top coated leather surfaces
Restrictions on Use	Not for use on skin

2. Hazard Identification	
Hazard Statements	H302: Harmful if swallowed H315: Causes skin irritation H320: Causes eye irritation H332: Harmful if inhaled H413: May cause long lasting harmful effects to aquatic life
Precautionary Statements	P103: Read label before use P235: Keep cool P331: Do NOT induce vomiting P335: Brush off loose particles from skin P352: Wash with soap and water after use.
Signal Word	Warning

Pictograms

Irritant



3. Composition/ Information on Ingredients	
Substances	%
Water based emulsion	100%
Trade Secret Claims	The exact concentration of these ingredients are being withheld in accordance with the OSHA 1910.1200 (i).

4. First Aid Measures

Symptoms	Irritant to eyes, skin, upon ingestion, and upon inhalation.
Required Treatment	<p>Inhalation: Remove victim from further exposure.</p> <p>Skin: Wash skin with soap and water. Remove contaminated clothing and launder before reuse.</p> <p>Eyes: Flush eyes with water for 15 minutes. Lift under each eyelids.</p> <p>Oral: Do not induce vomiting. Give a quart or more of water to drink and induce vomiting.</p>

5. Fire-fighting Measures	
Extinguishing Techniques	Water, CO2, Dry Chemical, and Foam
Proper Equipment	Fire retardant clothing and a Self-Contained Breathing Apparatus
Chemical Hazards from Fire	None Known
Not acceptable Techniques	None nown

6. Accidental Release Measures	
Emergency Procedures	Avoid contact with material. Do not inhale/ingest.
Emergency Equipment	Refer to Section 8
Proper method of cleanup	Absorb with inert ingredient such as sand earth, or vermiculate. Dispose of in accordance with federal and state regulations.

7. Handling and Storage	
Precautions for Safe Handling	Wear appropriate personal protection.
Precautions for Safe Storage	Keep at room temperature. Store upright. Keep in sealed containers.
Incompatibilities	None Known.

8. Exposure Controls/ Personal Protective Equipment	
OSHA PEL	Not determined
NIOSH REL	Not determined
ACGIH TLV	Not determined
Appropriate Engineering Controls	Use adequate ventilation. Keep eye wash stations and sink nearby.
Personal Protective Equipment	Hands: Chemical resistant gloves. Eye: Splash resistant goggles. Skin: Long Sleeves and long pants.

9. Physical/Chemical Properties	
Appearance	Clear amber liquid
Odor	Slight
Odor Threshold	Not determined
pH	Not determined
Melting Point/Freezing Point	N/A
Initial Boiling/ Freezing Point	212 F
Flammability (solid/gas)	No
Upper Flammability/Explosive Limits	Not determined
Vapor Pressure	<1
Vapor Density	>1
Relative Density	Not determined
Water Solubility	Miscible
Specific Gravity	-11
Flash Point	None
Viscosity	Not determined
Explosive Properties	None
Oxidizing Properties	None

10. Stability/ Reactivity	
Reactivity	Stabe
Chemical Stability	Stable
Possibility of Hazardous Reactions	Thermal decomposition produces CO ₂ and CO

11. Toxicological Information	
Acute Toxicity	Not determined
Inhalation	Not determined
Oral	Not determined
Dermal	Not determined
Skin Corrosion/Irritation	Not determined
Serious Eye Irritation	Irritant

Respiratory or skin sensitization/ mutagenicity	Not determined
Carcinogenicity	Not determined
Reproductive Toxicity	Not determined
Specific Target Organ-Single Exposure	Not determined
Specific Target Organ- Repeated Exposure	Not determined
Aspiration Hazard	Not determined

12. Ecological Information

Toxicity	Not determined
Persistence and Degradability	Not determined
Mobility in soil	Not determined

13. Disposal Considerations

Waste Treatment Methods	Dispose of as a hazardous material in accordance with federal, state, and local regulations.
Contaminated Packaging	Not determined

14. Transport Information

DOT (US)	N/A
UN number	N/A
UN proper shipping name	Non-hazardous liquid, N.O.I.
Transport hazard class(es)	N/A
Packing group, if applicable	N/A
Environmental hazards (e.g., Marine pollutant (Yes/No	N/A
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport	N/A

15. Regulatory Information

All components listed on TSCA	
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16. Other Information

Preparation Date	10/15/2014
Revision Date	
Abbreviation	OSHA- Occupational Safety and Health Administration NIOSH- National Institute for Occupational Safety and Health

	<p>ACGIH- American Conference of Governmental Industrial Hygienists PEL- Permissible Exposure Limit REL- Recommended Exposure Limit TLV- Threshold Limit Value STEL- Short Term Exposure Limit TWA- Time Weighted Average (8 hr/day). Ppm-parts per million Mg/m³- milligrams per meters cubed</p>
<p>Notice</p>	<p>Judgments as to the suitability of information herein for purchaser’s purposes are the purchaser’s responsibility. TST has taken reasonable care in preparing above information to be as accurate as possible. TST makes no warranties, representations, and assumes no responsibility to the suitability of such information and for the application of said product and the consequences that occur.</p>