MATERIAL SAFETY DATA SHEET

Section I. Chemical Product and Company Identification

Product Name	Ink Vehicle
Product Code	VEH
CAS Number	Mixture
Manufacturer's Name	Nexceris, LLC
Address	404 Enterprise Dr. Lewis Center, OH 43035
Information Telephone Number	614-842-6606
Date Prepared	November 12, 2015

Section II. Composition / Information on Ingredients

Component	CAS #	% (Optional)
Terpineol	8000-41-7	

Section III. Hazards Identification

- Hazard description: Hazardous Decomposition Products: Combustion produces carbon monoxide, carbon dioxide, various hydrocarbons, and toxic metal compounds.
- Information pertaining to particular dangers for man and environment
- Spill and Leak Procedures: Wearing rubber gloves, clean spill with disposable paper towels and wash area with soap and water.
- Waste Disposal Method: Disposal of waste should be handled in a manner that complies with local, state, and federal Environmental Protection Agency regulations.

Section IV. First Aid Measures

- After inhalation
  Supply fresh air. If required, provide artificial respiration. Keep patient warm.
  Seek immediate medical advice.
- After skin contact
  Immediately wash with water and soap and rinse thoroughly.
  Seek immediate medical advice.
- After eye contact
  Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing
  Seek immediate medical advice.

Section V. Fire Fighting Measures

- **Suitable extinguishing agents**
  Water fog, alcohol foam, dry chemical extinguishing agents.
  Cool exposed containers with water from maximum distance.
- **Protective equipment:**
  Wear self-contained respirator.
  Wear fully protective impervious suit.

Section VI. Accidental Release Measures

- Person-related safety precautions:
  Wear protective equipment. Keep unprotected persons away.
  Ensure adequate ventilation.
- Measures for environmental protection:
  Do not allow material to be released to the environment without proper governmental permits.
- Measures for cleaning/collecting:
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- Additional information:
  See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section VII. Handling and Storage

- Handling
- Information for safe handling:
  Keep container tightly sealed.
  Store in cool, dry place in tightly closed containers.
  Ensure good ventilation at the workplace.
  Open and handle container with care.
- Information about protection against explosions and fires:
  No special measures required
- Storage
  Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Do not store with acids or oxidizing agents.
- Further information about storage conditions:
  This product is hygroscopic.
  Protect from carbon dioxide.
  Keep container tightly sealed.
  Store in cool, dry conditions in well sealed containers.
  Store under lock and key and with access restricted to technical experts or their assistants only.

Section VIII. Exposure Controls and Personal Protection

- Additional information about design of technical systems:
  Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.
- Components with limit values that require monitoring at the workplace:

Component	Limit Values (mg/m^3)	
	NIOSH REL	OSHA PEL
None required	-	-

- Additional information: No data
- Personal protective equipment
- General protective and hygienic measures
  The usual precautionary measures for handling chemicals should be followed.
  Keep away from foodstuffs, beverages and feed.
  Remove all soiled and contaminated clothing immediately.
  Wash hands before breaks and at the end of work.
  Store protective clothing separately.
- Breathing equipment:
  Use suitable respirator when high concentrations are present.
- Protection of hands: Impervious gloves
- Eye protection: Safety glasses
- Body protection: Protective work clothing

Section IX. Physical and Chemical Properties

- Form: Paste
- Color: Yellow/Amber/Clear
- Odor: Not determined
- Melting point/Melting range: Not determined
- Boiling point/Boiling range: Not determined
- Flash point: Not applicable
- Ignition temperature: Not determined
- Decomposition temperature: Not determined
- Danger of explosion: Product does not present an explosion hazard.
- Explosion limits:
- Lower: Not determined
- Upper: Not determined
- Vapor pressure: Not determined

- Density: Not determined
- Solubility in / Miscibility with
- Water: Not determined

Section X. Stability and Reactivity

- Thermal decomposition / conditions to be avoided:
  Decomposition will not occur if used and stored according to specifications.
- Materials to be avoided: acids, air, carbon dioxide, oxidizing agents
- Dangerous reactions: No dangerous reactions known
- Dangerous products of decomposition: Metal oxide fume

Section XI. Toxicological Information

- Acute toxicity:
- LD50: No Data
- LDLo: No Data
- Primary irritant effect:
- on the skin: Prevent skin contact
- on the eye: powder: irritant effect
- Sensitization: sensitization possible through skin contact
- Subacute to chronic toxicity:
  Additional toxicological information:
  To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
  Do Not Ingest

Section XII. Environmental Information

- General notes:
  Do not allow material to be released to the environment without proper governmental permits.

Section XIII. Disposal Information

- Product:
  Recommendation: Consult state, local or national regulations for proper disposal.
- Uncleaned packagings:
  Recommendation: Disposal must be made according to official regulations.

Section XIV. Transportation Information

Not a hazardous material for transportation.

- DOT regulations:
  Hazard class: None
- Land transport ADR/RID (cross-border)
  ADR/RID class: None
- Maritime transport IMDG:
  IMDG Class: None
- Air transport ICAO-TI and IATA-DGR:
  ICAO/IATA Class: None
- Transport/Additional information:
  Not dangerous according to the above specifications.

Section XV. Regulatory Information

- National regulations
  All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.
- Information about limitation of use:
  For use only by technically qualified individuals.

Section XVI. Other Information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

MSDS Prepared by: **Nexceris, LLC**
404 Enterprise Drive
Lewis Center, OH 43035

Vendee and third persons assume the risk of injury proximately caused by the material if reasonable safety procedures are not followed as provided for in the data sheet, and vendor shall not be liable for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed.

All persons using this product, all persons working in an area where this product is used, and all persons handling this product should be familiar with the contents of this data sheet. This information should be effectively communicated to employees and others who might come in contact with the product.

While the information accumulated and set forth herein is believed to be accurate as of the date hereof, Nexceris, LLC makes no warrant with respect thereto and disclaims all liability from reliance thereon. Recipients are advised to confirm in advance that the information is current, applicable, and suitable for their particular circumstances.