MATERIAL SAFETY DATA SHEET

MSDS ID#: 100242

Date Prepared: April 18, 2005
Revision: May 23, 2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SCP-901A, SCP-902A, SCP-903A, SCP-905A INK **Product Code**: I0527
Colors Covered: Black, Red, Green, Blue
Supplier Name: Matthews International Corporation **Address:** 101 Fairview Avenue
City: Pittsburgh **State/Zip:** Pennsylvania, USA, 15238
Phone: (412)665-2500 **Fax:** (412)828-4545 **24 Hour Emergency Phone:** (412)456-7499

2. COMPOSITION/INFORMATION ON INGREDIENTS

[ ] **Substance** [X] **Mixture**

Hazardous Components	Percent	CAS No.	TLV	R-Phrase	S-Phrases
Acetone	90-95	67-64-1	500 ppm	R11	S9, S16, S23, S33

3. HAZARDS IDENTIFICATION

Most Important Hazards: Flammable liquid and vapor. Irritating to the eyes and respiratory system.
Main Symptoms of Overexposure: EYES- severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage; SKIN- frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity; INHALATION- vapor concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other CNS effects.; INGESTION- Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchopneumonia or pulmonary edema. HMIS: H-1, F-3, R-0

4. FIRST AID MEASURES

Inhalation: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
Skin Contact: Immediately flush with large amounts of water, use soap if available. Remove contaminated clothing, including shoes, after flushing has begun.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, including under the eyelids. Get prompt medical attention.
Ingestion: Do not induce vomiting. Obtain emergency medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide, alcohol foam.

Specific Hazards: Flammable liquid. Material will readily ignite at ambient temperatures. "Empty" containers retain product residue and can be dangerous. Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with alcohol tyep foam and dry chemical.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all ignition sources.

Environmental precautions: Prevent liquid from entering sewers, watercourses or low areas.

Methods of cleaning up: Land Spill: Keep public away. Shut off source if possible to do so without hazard. Contain spilled liquid with sand or earth. Dilute contained spill with water. Recover by pumping or with a suitable absorbent. Consult an expert on disposal of recovered material. Water Spill: Eliminate sources of ignition. Warn occupants and shipping in downwind areas of fire and explosion hazard. Hose over spill to effect dilution of water soluble material.

7. HANDLING AND STORAGE

Handling-Precautions: Avoid contact with eyes. Wash thoroughly after handling.
Safe handling Advice: Flammable liquid. Keep away from heat, sparks and open flames. This material is not a static accumulator but use proper grounding equipment.
Storage-Conditions: Keep container closed. Handle containers with care. Store in a cool, well ventilated area away from incompatible materials. Protect material from direct sunlight.
Incompatible Products: Strong oxidizing agents.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise to maintain ambient concentration below the recommended threshold exposure limits
Personal Protective Equipment: Eliminate all ignition sources.
Respiratory Protection: If engineering controls do not maintain concentrations below recommended exposure limits, an approved respirator should be worn. Type: organic vapor.
Hand Protection: Where prolonged or repeated skin contact may occur, impervious gloves should be worn.
Eye Protection: Wear safety glasses with side shields or goggles.
Skin and Body Protection: Recommended Decontamination Facilities: eye bath, safety shower, washing facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Various
Odor: Ketone
Flashpoint: -18° C (0° F)
Autoignition temperature: 538° C (1000° F) *(for Acetone)*
pH: N/A
Lower Explosive Limits: 2.6% (Acetone)
Upper Explosive Limits: 13% (Acetone)
Density: 0.81
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: Some
Boiling Point: N/A
Freezing Point: N/A
V.O.C.: 0 g/l
Evaporation rate(Butyl Acetate=1): 11.6 *(for Acetone)*

10. STABILITY AND REACTIVITY

Stable: Yes **Conditions to avoid:** Avoid heat, sparks and open flames.
Materials to avoid: Strong oxidizing agents
Hazardous decomposition products: Carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 in rats is 5.8 g/kg.
Chronic Toxicity: Inhalation overexposure may cause eye, nose, throat and respiratory tract irritation, central nervous system (brain) effects, dizziness, incoordination, nausea, unconsciousness, coma. Skin overexposure- Practically non-toxic is absorbed. Prolonged or repeated contact may cause moderate irritation. Eye overexposure may cause moderate to severe irritation. Ingestion of large amounts of acetone may cause metabolic changes, drowsiness, coma, and liver and kidney injury.
Target Organs: Eyes, skin, respiratory system, Central Nervous System (CNS)
Sensitization: No **Specific Effects:** None

12. ECOLOGICAL INFORMATION

Possible Environmental Effects: N/A

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with all local, state, and federal regulations.

14. TRANSPORT INFORMATION

Land: (DOT)- regulated, Flammable liquid, Class 3, packaging group II, Proper Shipping Name: Printing Ink, UN 1210
Inland Waterways: (AND/R)- N/A
Sea: (IMDG)- regulated, Flammable liquid, Class 3, packaging group II; Proper Shipping Name- Printing Ink, UN 1210
Air: (ICAO/IATA)- regulated, Flammable liquid; Class 3, Packing Group II; Proper Shipping Name- Printing Ink, UN 1210

15. REGULATORY INFORMATION

Hazard and Safety Information: CA Prop 65- none SARA 313- none; SARA 311,312- fire hazard, immediate (acute) health hazard; TSCA- All components listed; State Regulatory Lists: Acetone (Pennsylvania, Massachusetts, New Jersey); WMHIS: Acetone- B2/D2B; **Acetone**: R11- Highly flammable, S9- Keep container in a well-ventilated place, S16- Keep away from sources of ignition - No smoking, S23- Do not breathe vapor, S33- Take precautionary measures against static discharges
Ozone Depleting Chemicals Present: None

16. OTHER INFORMATION

Containers of this material may be hazardous when emptied, all hazard precautions given in the data sheet must be observed. The information contained herein is based upon what we believe to be reliable data. However, we make no warranty or guarantees, expressed or implied, concerning the accuracy of such information and disclaim all liability from reliance thereon. You should evaluate the information through your own sources prior to use. **Reference ISO 11014-1**