SECTION I - PRODUCT AND COMPANY IDENTIFICATION
PRODUCT NAME: SCIGRIP® 3 Solvent Cement for Acrylic
PRODUCT USE: Solvent Cement for Bonding Acrylics
SUPPLIER: SCIGRIP Smarter Adhesive Solutions
MANUFACTURER: SCIGRIP Smarter Adhesive Solutions

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)
Medical: Tel. 800.451.8346, 760.602.8703 3E Company (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:
Acute Toxicity: Category 4
Skin Irritation: Category 2
Eye: Category 2

Hazard Statements
H315: Causes skin irritation
H319: Causes serious eye irritation
H336: May cause skin irritation
H341: Suspected of causing genetic defects

Precautionary Statements
P280: Wear protective gloves/protective clothing/eye protection/face protection
P261: Avoid breathing dust/fume/gas/mist/vapors/spray

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS # EINECS # EINECS Pre-registration Number % by Weight
Methylene Chloride * (dichloromethane) 75-09-2 200-838-9 17-2119926076-39-0000 75 - 90
Trichloroethylene * 79-01-6 201-167-4 N/A 5 - 15
Methyl Methacrylate Monomer *, Stabilized (MMA) 80-62-6 201-297-1 05-216297731-37-0000 1 - 2

All of the constituents of this adhesive mixture are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.
* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).
Indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact: Wash skin with soap and water. If irritation develops, get medical attention.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog or fine spray, carbon dioxide, dry chemical or foam.
Unsuitable Extinguishing Media: Dry chemical powder.
Exposure Hazards: Inhalation and dermal contact.
Combustion Products: Hydrogen chloride, trace amounts of chlorine, phosgene.
Protection for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Clear all personnel from area. Do not breathe vapors. Ventilate area or wear or spill. Wear protective equipment.
Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
Methods for Cleaning up: Mop or soak up immediately. Place in properly labeled metal containers.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing. Do not swallow. Use with adequate ventilation.
Do not cut, drill, grind, weld or perform similar operations on or near empty containers. Vapors of this product are heavier than air and will collect in low areas. Do not eat, drink or smoke while handling.
Storage: Store in a dry place. Keep container tightly closed when not in use. Store below 80°F (27°C).

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS: Component ACGIH TLV ACGIH STEL OSHA PEL OSHA STEL
Methylene Chloride (dichloromethane) 50 ppm N/E 25 ppm 125
Trichloroethylene 50 ppm 100 ppm N/E
Methyl Methacrylate Monomer, Stabilized (MMA) 50 ppm 100 ppm 100 ppm N/E

Engineering Controls: Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.
Lethal concentrations may exist in areas with poor ventilation.

EYE PROTECTION: Use chemical goggles. If exposure causes eye discomfort, use a full-face respirator.

Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above.

With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, thin liquid
Odor: Irritating
pH: Not Available
Melting/Freezing Point: -96.7°C (-142.1°F) (Methylene Chloride)
Boiling Point: 89.8°C (191°F) (Methylene Chloride) Based on first boiling component: Methylene Chloride
Flash Point: None (Methylene Chloride)
Auto-Ignition Temperature: 956°C (1753°F) (Methylene Chloride)
Decomposition Temperature: Not Applicable
VOC Content: None (Methylene Chloride)

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions. (See Section 7)
Conditions to avoid: Avoid open flames, welding arcs, or other high temperature sources. Avoid direct sunlight.
Incompatible Materials: Oxidizers, strong bases, amines, metals such as zinc powders, aluminum or magnesium powders, potassium sodium.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Eye and Skin Contact
Acute symptoms and effects:
- Inhalation: Excessive overexposure may cause irritation to nose and throat. In confined areas, vapor can accumulate and can cause unconsciousness.
- Eye Contact: May cause moderate eye irritation which may be slow to heal. May cause slight corneal injury. Vapor may cause mild discomfort and redness.
- Skin Contact: Prolonged contact may cause skin burns. May cause more severe response on covered skin (under clothing and gloves).
- Ingestion: Low toxicity if small amount swallowed, however larger amounts may cause injury. Aspiration into the lungs may occur during ingestion or vomiting.

Chronic (long-term) effects:
- IARC Classification 2B (Methylene Chloride)
- Mutagenicity: Not established
- Sensitization to Product: Not established

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None known
Mobility: In normal use, emission of volatile organic compounds (VOC's) to the air takes place, typically at a rate of <250 g/l. Mobility in soil is high.
Degradability: Not readily biodegradable
Bioaccumulation: Low

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

Property Shipping Name: Dichloromethane (Mixture)
Hazard Class: 6.1
UN Number/Packing Group: UN 1593, PG III
Label Required: Toxic (Domestic USA and International)
Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Toxic, Suspected Carcinogen
Risk Phrases: R36/38: Irritating to eyes and skin. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R45: May cause cancer. R46: Possible risk of irreversible effects

SECTION 16 - OTHER INFORMATION

Specification Information: IPS, Safety Health & Environmental Affairs
E-mail address: <EHSinfo@ipscorp.com>
Reissue date / reason for reissue: 06/06/2012 / Updated GHS Standard Format
Intended Use of Product: Solvent Cement for Bonding Acrylics

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.