SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COOL-FIT® Low VOC Cleaner for Plastic Pipe

PRODUCT USE: Low VOC Cleaner for Plastic Pipe (PVC, CPVC, ABS and Styrene)

SUPPLIER: Georg Fischer LLC

MANUFACTURER: IPS Corporation

2882 Dow Avenue
Tustin, CA 92780-7258

Tel: 1-714-731-8800

EMERGENCY: Transportation: CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)

Medical: CHEMTEL Tel. 800-525-3924, +1 813-248-0585 (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Acute Toxicity: Category 4

Skin Irritation: Category 3

Skin Sensitization: NO

Environmental: None Known

Chronic Toxicity: None Known

Physical: Category 2

Flammable Liquid: Category 2

GHS LABEL:

Signal Word: Danger

WHMIS CLASSIFICATION: CLASS B, DIVISION 2

Hazard Statements:

H225: Highly flammable liquid and vapor

H336: May cause drowsiness or dizziness

H319: Causes serious eye irritation

Exposure Control / Personal Protective Equipment:

Respiratory Protection:

Self-contained breathing apparatus or full-face positive pressure airline masks.

Eye Protection:

Wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.

Personal Protective Equipment (PPE):

Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.

Skin Protection:

Avoid contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion. Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.

Respiratory Protection:

Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment.

Precautionary Statements:

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 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Cyclohexanone

Acetone

All of the constituents of this adhesive product 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.

Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately.

Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

Likely Routes of Exposure:

Inhalation, Eye and Skin Contact

Acute symptoms and effects:

Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.

Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.

Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.

Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.

Chronic (long-term) effects: Developing dermatitis with prolonged use. In humans, passes the placental barrier, detected in maternal milk. (Based on Acetone)

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media:

Water spray or stream. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above.

Unsuitable Extinguishing Media:

Dry chemical powder, carbon dioxide gas, foam, Halon, water fog.

Combustion Products:

Oxides of carbon and smoke.

Protection for Firefighters:

Self-contained breathing apparatus or full-face positive pressure airline masks.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Keep away from heat, sparks and open flame. Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.

Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment.

Prevent contact with skin or eyes (see section 8).

Environmental Precautions:

Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.

Methods for Cleaning up:

Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.

Materials not to be used for clean up:

Aluminum or plastic containers.

SECTION 7 - HANDLING AND STORAGE

Handling:

Avoid breathing of vapor, avoid contact with eyes, skin and clothing.

Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods. Do not eat; drink or smoke while handling.

Storage:

Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.

Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.

Follow all precautionary information on container label, product bulletins and solvent cementing literature.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
<th>OSHA PEL</th>
<th>OSHA STEL</th>
<th>CAL/OSHA PEL</th>
<th>CAL/OSHA Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>500 ppm</td>
<td>750 ppm</td>
<td>1000 ppm</td>
<td>50 ppm</td>
<td>500 ppm</td>
<td>3000 ppm</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>20 ppm</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>N/E</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

Engineering Controls:

Use local exhaust as needed.

Monitoring:

Maintain breathing zone airborne concentrations below exposure limits.

Personal Protective Equipment (PPE):

Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.

Skin Protection:

Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion.

Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.

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: Ketone
PH: Not Applicable
Melting/Freezing Point: -95°C (-139°F) Based on first melting component: Acetone
Boiling Point: 56°C (133°F) Based on first boiling component: Acetone
Flash Point: -20°C (-4°F) T.C. based on Acetone
Specific Gravity: 0.794 @23°C (73°F)
Solubility: Solvent portion soluble in water.
Partition Coefficient n-octanol/water: Not Available
Auto-ignition Temperature: 465°C (869°F): Acetone
Decomposition Temperature: Not Applicable
VOC Content: When applied as directed, per SCAQMD Rule 1171, VOC content is: < 25 g/l.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable
Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon and smoke.
Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.
Incompatible Materials: Oxidizers, strong acids and bases, amines, ammonia

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity:
Acetone
Oral: 5800 mg/kg (rat)
Inhalation 50,100 mg/m3 (rat)
Cyclohexanone
Oral: 1535 mg/kg (rat), Dermal: 948 mg/kg (rabbit)
Inhalation 4 hrs. 8,000 PPM (rat)

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 < 25 g/l.
Degradability: Not available
Bioaccumulation: Minimal to none.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Flammable Liquid, n.o.s. (Acetone)
Hazard Class: 3
Secondary Risk: None
Identification Number: UN 1993
Packaging Group: PG II
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

TDG INFORMATION

TDG CLASS: FLAMMABLE LIQUID 3
SHIPPING NAME: Flammable Liquid, n.o.s. (Acetone)
UN NUMBER/PACKING GROUP: UN 1993, PG II

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Highly Flammable, Irritant
Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia
Symbols: F, Xi
Risk Phrases: R11: Highly flammable.
R66: Repeated exposure may cause skin dryness or cracking
R67: Vapors may cause drowsiness and dizziness
Safety Phrases: S2: Keep out of the reach of children.
S25: Avoid contact with eyes.
S9: Keep container in a well-ventilated place.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S16: Keep away from sources of ignition - No smoking.
S33: Take precautionary measures against static discharges.

SECTION 16 - OTHER INFORMATION

Specification Information:
Department issuing data sheet: Georg Fischer LLC, Tustin, CA
All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
E-mail address: us.ps@georgfischer.com
Training necessary: Yes, training in practices and procedures contained in product literature.
Reissue date / reason for reissue: 11/16/2015 / Updated GHS Standard Format
Intended Use of Product: Cleaner for Plastic Pipe (PVC, CPVC, ABS and Styrene)

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.