**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** WELD-ON® 763™ Low VOC Styrene Rubber Cement  
**PRODUCT USE:** Low VOC Styrene Rubber Cement  
**SUPPLIER:** IPS Corporation  
**MANUFACTURER:** IPS Corporation  
17109 South Main Street, Carson, CA 90248-3127  
P.O. Box 379, Gardena, CA 90247-0379  
Tel. 1-310-898-3300

**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: Category 3  
- Eye: Category 2B  
- Chronic Toxicity: None Known  
- Flammable Liquid: Category 2  
- Environmental: None Known  
- Physical: None Known

**GHS LABEL: OR**  
**Signal Word:** Danger  
**WHMIS CLASSIFICATION:** CLASS B, DIVISION 2

**Hazard Statements: OR Precautionary Statements**  
- H225: Highly flammable liquid and vapor  
- H319: Causes serious eye irritation  
- H332: Harmful if inhaled  
- H335: May cause respiratory irritation

**Personal Protective Equipment (PPE):**  
- Contact with eyes: splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.
- Skin: Use 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.
- Eye: 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.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

**CAS#** | **% by Weight**
--- | ---
78-93-3 | 54 - 71

Methyl Ethyl Ketone (MEK)

**REACH**

**Pre-registration Number** | **% by Weight**
--- | ---
05-2116297728-24-0000 | 54 - 71

**ACGIH TLV** | **ACGIH STEL** | **OSHA PEL** | **OSHA STEL**
--- | --- | --- | ---
200 ppm | 300 ppm | 200 ppm

**EXPOSURE LIMITS:**

**Engineering Controls:** Use local exhaust as needed.  
**Monitoring:** Maintain breathing zone airborne concentrations below exposure limits.  
**Personal Protective Equipment (PPE):**

**Eye Protection:** 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.

**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.
WELD-ON® 763™ Low VOC Styrene Rubber Cement

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky, medium syrupy liquid
Odor: Ketone
Odor Threshold: 5.4 ppm (MEK)

Melting/Freezing Point: 86°C (187°F) based on first melting component: MEK
Boiling Point: 80°C (176°F) based on first boiling component: MEK
Flash Point: -3°C (16°F) TCC based on MEK
Specific Gravity: 0.880 @23°C (73°F)
Solubility: Solvent portion soluble in water. Resin portion separates out.
Partition Coefficient n-octanol/water: Not Available
Auto-Ignition Temperature: 515°C (959°F) based on MEK
Decomposition Temperature: Not Applicable
VOC Content: When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: < 490 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, hydrogen chloride 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

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: None known to humans
Toxicity: LD50: None known to humans
Methyl Ethyl Ketone (MEK) Oral: 2737 mg/kg (rat), Dermal: 6480 mg/kg (rabbit) Inhalation 8 hrs. 23,500 mg/m³ (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 < 490 g/l.
Bioaccumulation: Minimal to none.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

DOT Limited Quantity: Up to 5L per inner packaging, 30 kg gross weight per package.
Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as “ORM-D”.

TDG INFORMATION

TDG CLASS: FLAMMABLE LIQUID 3
SHIPPING NAME: ADHESIVES
UN NUMBER/PACKING GROUP: UN 1133, PG II

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Highly Flammable, Irritant
Safety Phrases: S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition - No smoking.

SECTION 16 - OTHER INFORMATION

Specification Information:
Department issuing data sheet: IPS, Safety Health & Environmental Affairs
E-mail address: <EHSinfo@ipscorp.com>
Training necessary: Yes, training in practices and procedures contained in product literature.
Reissue date / reason for reissue: 12/14/2011 / Updated GHS Standard Format
Intended Use of Product: Adhesive for bonding/cementing Styrene plastic piping and fittings

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.