SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ON® 505™ KEY TITE Low VOC Pipe Joint Compound
PRODUCT USE: Pipe Thread Sealant
SUPPLIER: 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

CLASSIFICATION:
Acute Toxicity: Not Available
Skin Irritation: Category 3
Skin Sensitization: No
Eye: Category 2B

LABEL:

Signal Word: Danger
WHMIS CLASSIFICATION: CLASS B, DIVISION 3

Hazard Statements
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P337+P313: Get medical advice/attention
P280: Wear protective gloves/protective clothing/eye protection/face protection

PPE:

Respiratory Protection:
Skin Protection:
Eye Protection:

PRECAUTIONARY STATEMENTS:

H223: Flammable material
H303: May be harmful if swallowed
H336: May cause drowsiness or dizziness
H320: Causes eye irritation
H205: Causes skin irritation
H207: May cause dizziness or dizziness

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS#          EINECS #          REACH          CONCENTRATION
Stoddard Solvent 8052-41-3 222-489-3 Under development 5 - 15

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.
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, preferable mouth to mouth. If breathing develops, give artificial respiration, preferable mouth to mouth. If breathing develops, give artificial respiration, preferable mouth to mouth.
Ingestion: Do not induce vomiting and give 1 or 2 glasses of water. Seek medical advice immediately.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Foam, CO2, dry chemical or water fog.

Combustion Products: Smoke, fumes, oxides of carbon.

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 of leak or spill. Wear protective equipment positive pressure self contained or air supplied breathing apparatus. Follow confined space entry procedures.

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

Combustion Products: Smoke, fumes, oxides of carbon.

Protection for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing. Do not swallow. Use with adequate ventilation.

Storage: Do not eat, drink or smoke while handling.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component                              ACGIH TLV  ACGIH STEL  OSHA PEL  OSHA STEL
Stoddard Solvent                       100 ppm    N/E         500 ppm  N/E

ENGINEERING CONTROLS: Use with adequate ventilation
MONITORING: Maintain breathing zone airborne concentrations below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT (PPE):
Eye Protection: Use chemical goggles. If exposure causes eye discomfort, use a full-face respirator.
Skin Protection: Oil impervious gloves for prolonged or repeated skin contact.
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.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous, green liquid
Odor: Linseed-like
pH: Not Applicable
Melting/Freezing Point: No data
Boiling Point: No data
Specific Gravity: >1 @23°C (73.4°F)
Solubility: > 1%
Partition Coefficient n-octanol/water: Not Available
Auto-ignition Temperature: Not Available
Decomposition Temperature: Not Applicable
VOC Content: When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is ≤250 g/l.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable
Hazardous decomposition products: Oxides of carbon, smoke, fumes
Conditions to avoid: Extreme heat
Incompatible Materials: Strong oxidizers, acids

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Ingestion, Eye and Skin Contact
Acute symptoms and effects:
   Inhalation: May cause dizziness, headache, loss of coordination and breathing difficulty.
   Eye Contact: May cause tearing, redness, blurred vision and irritation.
   Skin Contact: May cause drying of skin, irritation and dermatitis.
   Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic (long-term) effects: None known to humans
Toxicity: LD₅₀ Stoddard Solvent: No data
Stoddard Solvent: LCol

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data
Mobility: No data
Degradability: No data
Bioaccumulation: No data

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

SECTION 14 - TRANSPORT INFORMATION

Property Shipping Name: Flammable Liquid, Toxic, Stoddard Solvent
Hazard Class: 3
Secondary Risk: 6.1 (Stoddard Solvent)
Identification Number: UN 1992
Packaging Group: PG III
Label Required: Class 3 Flammable Liquid
Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Flammable, Irritant
Symbols: F, Xi
Risk Phrases: R10: Flammable
R36/37: Irritating to eyes and respiratory system.
R38: Irritating to skin.
Safety Phrases: S2: Keep out of the reach of children.
S7: Keep container tightly closed when not in use.
S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition. No smoking.
S35/36: Toxic by inhalation and if swallowed.
S51: Use only in well ventilated areas.

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.
Intended Use of Product: Pipe Thread Sealant

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.