IPS CORP -- WELD-ON 2719 PVC PLASTIC PIPE CEMENT _____ MSDS Safety Information _____ FSC: 8040 MSDS Date: 12/01/1993 MSDS Num: BWDBL LIIN: 00N054857 Product ID: WELD-ON 2719 PVC PLASTIC PIPE CEMENT MFN: 01 Responsible Party Cage: EO483 Name: IPS CORP Address: 17109 S MAIN ST Box: 379 City: GARDENA CA 90248 Info Phone Number: 213-321-6515 Emergency Phone Number: 800-424-9300 (CHEMTREC) Proprietary Ind: Y Published: Y _____ Contractor Summary _____ Cage: E0483 Name: IPS CORP Address: 17109 S MAIN Box: 379 City: GARDENA CA 90248-5000 Phone: 213-321-6515/213484-5151 Cage: 17510 Name: IPS CORPORATION Address: 17109 S. MAIN ST., Box: 379 City: GARDENA CA 90248 Phone: 310-898-3300 _____ Ingredients _____ Name: *** PROPRIETARY *** _____ _____ Health Hazards Data _____ LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER. Route Of Entry Inds - Inhalation: YES Skin: YES Ingestion: NO Carcinogenicity Inds - NTP: NO IARC: NO OSHA: NO Effects of Exposure: ACUTE: INHAL:SEV EXPOS MAY RSLT IN NAUS, DIZZ, HDCH. CAN CAUSE DROW, IRRIT OF EYES & NASAL PASSAGES. SKIN: IRRIT. LIQ CNTCT MAY REMOVE NATRL SKIN OILS RSLTING IN IRRIT. DERM MAY OCCUR W/PRLNG CNTCT. PR LNG/WIDESPREAD EXPOS MAY RSLT IN ABSORPTION OF HARMFUL AMTS OF MATL. EYES: OVEREXP MAY RSLT IN SEV EYE (EFTS OF OVEREXP) Explanation Of Carcinogenicity: NOT RELEVANT Signs And Symptions Of Overexposure: HLTH HAZ: INJURY W/CORNEAL/CONJ INFLAMM ON CNTCT W/LIQ. VAPS SLIGHTLY UNCOMFORTABLE. INGEST: MOD TOX. MAY CAUSE NAUS, VOMIT, DIARR & MENTAL SLUGGISHNESS. CHRONIC:SYMPS OF RESP TRACT IRRIT & DMG TO RESP EPITHELIUM REPORTED IN RATS EXPOS TO 5000PPM THF FOR 90 DAYS. ELEVATION OF SGPT SUGGESTS DISTURB IN LIVER FUNC. Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF EYES, SKIN OR RESPIRATORY SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: INHAL: IF OVERCOME BY VAPS, REMOVE TO FRESH AIR & IF BRTHG STOPPED, GIVE ARTF RESP. IF BRTHG DFCLT, GIVE OXYGEN. CALL MD. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN & CALL MD. SKIN: REMOVE CONT AMD CLTHG & SHOES. WASH SKIN W/PLENTY OF SOAP & WATER FOR AT LEAST 15 MIN. IF IRRIT DEVELOPS, GET MED ATTN. INGEST: GIVE 1 OR 2 GLASSES WATER/MILK. DO NOT INDUCE VOMIT. CALL MD OR POIS CTL CTR IMMED. _____ Handling and Disposal _____ Spill Release Procedures: ELIMINATE ALL IGNIT SOURCES. AVOID BRTHG VAPS. KEEP LIQ OUT OF EYES. FLUSH W/LARGE AMTS OF WATER. CONTAIN LIQ W/ SAND/EARTH. ABSORB W/SAND OR NONFLAMMABLE ABSORBENT MATL & TRANSFER INTO STEEL DRUMS FO R RECOVERY/DISPOSAL. PVNT LIQ FROM ENTERING DRAINS Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. Waste Disposal Methods: FOLLOW LOCAL, STATE & FEDERAL REGULATIONS. CONSULT DISPOSAL EXPERT. CAN BE DISPOSED OF BY INCINERATION. EXCESSIVE QUANTITIES SHOULD NOT BE PERMITTED TO ENTER DRAINS. EMPTY CONTAINERS SHOULD BE AIR DRI ED BEFORE DISPOSING. HAZARDOUS WASTE CODE: 214. Handling And Storage Precautions: STORE IN THE SHADE BETWEEN 40-110F. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME & OTHER SOURCES OF IGNITION. Other Precautions: AVOID PRLNG BRTHG OF VAP. USE W/ADEO VENT. AVOID CNTCT W/EYES, SKIN & CLTHG. TRAIN EMPLOYEES ON ALL SPEC HNDLG PROC BEFORE THEY WORK W/PROD. FOLLOW ALL PRECAUTIONARY INFO GIVEN ON CNTNR LABEL, PROD BU LLETINS & MFR'S SOLVENT _____ Fire and Explosion Hazard Information _____ Flash Point Method: TCC Flash Point Text: 5F,-15C Lower Limits: 2% Upper Limits: 11% Extinguishing Media: ANSUL "PURPLE K" POTASSIUM BICARBONATE DRY CHEM, CARBON DIOXIDE, NATL AER-O-FOAM UNIVERSAL ALCOHOL RESISTANT (SUPDAT) Fire Fighting Procedures: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP(FP N). EVACUATE ENCLSD AREAS, STAY UPWIND. USE WATER SPRAY TO COOL CNTNRS, TO FLUSH SPILLS FROM SOURCE OF (SUPDAT) Unusual Fire/Explosion Hazard: FIRE HAZARD BECAUSE OF LOW FLASH POINT AND HIGH VOLATILITY. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION. _____ Control Measures _____ Respiratory Protection: ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW ESTABLISHED EXPOS LIMS. IF AIRBORNE CONCS EXCEED THESE LIMS, USE OF NIOSH/ MSHA APPRVD ORG VAP CARTRIDGE RESP W/FULL FACE-PIECE IS RECOM. EFTIVNESS OF AIR -PURIFYING RESP IS LIMITED. USE Ventilation: USE ONLY W/ADEQ VENT. PROVIDE SUFFICIENT VENT IN VOL & PATTERN TO KEEP CONTAMINANTS BELOW APPLIC EXPOS LIMITS. Protective Gloves: PVA COATED. Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N). Other Protective Equipment: IMPERVIOUS APRON AND A SOURCE OF RUNNING WATER TO FLUSH OR WASH THE EYES AND SKIN IN CASE OF CONTACT (FP N). Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. Supplemental Safety and Health: USERS OF "L" VERSION OF SHOULD CONSULT "LR" VERSION FOR ADDITIONAL INFORMATION (FP N). SPEC GRAV: TYPICAL 0.981 +/ -0.040 @ 73 +/-2F. SOL IN H2O: SOLVENT PORTION COMPLETELY SOLUBLE IN WATER. RES IN PORTION SEPARATES OUT. EXTING MEDIA: FOAM, WATER SPRAY. FIRE FIGHT PROC: IGNITION & TO DISPERSE VAPS. _____ Physical/Chemical Properties HCC: F3 B.P. Text: SEE ING 2 Vapor Pres: SEE ING 2 Vapor Density: 2.49 Spec Gravity: SUPDAT

Evaporation Rate & Reference: >1 (BUAC=1) Solubility in Water: SUPDAT Appearance and Odor: GRAY, GREEN OR WHITE, PASTE-LIKE; ETHEREAL ODOR. Percent Volatiles by Volume: 70-80 _____ Reactivity Data _____ Stability Indicator: YES Stability Condition To Avoid: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCE OF IGNITION. Materials To Avoid: CAUSTICS, AMMONIA, INORGANIC ACIDS, CHLORINATED COMPOUNDS, STRONG OXIDIZERS AND ISOCYANATES. Hazardous Decomposition Products: WHEN FORCED TO BURN, THIS PRODUCT GIVES OUT CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE AND SMOKE. Hazardous Polymerization Indicator: NO Conditions To Avoid Polymerization: NOT RELEVANT _____ Toxicological Information _____ _____ Ecological Information _____ _____ MSDS Transport Information _____ _____ Regulatory Information _____ _____ Other Information _____ HAZCOM Label _____ Product ID: WELD-ON 2719 PVC PLASTIC PIPE CEMENT Cage: E0483 Assigned IND: Y Company Name: IPS CORP Street: 17109 S MAIN PO Box: 379 City: GARDENA CA Zipcode: 90248-5000 Health Emergency Phone: 800-424-9300 (CHEMTREC) Label Required IND: Y Date Of Label Review: 11/17/1994 Status Code: C Label Date: 11/17/1994 Origination Code: G Chronic Hazard IND: Y Eye Protection IND: YES Skin Protection IND: YES Signal Word: DANGER Respiratory Protection IND: YES Health Hazard: Slight Contact Hazard: Moderate Fire Hazard: Severe Reactivity Hazard: None Hazard And Precautions: FLAMMABLE LIQUID. ACUTE: INHAL: MAY RESULT IN NAUSEA, DIZZINESS, HEADACHE. CAN CAUSE DROWSINESS, IRRITATION OF EYES & NASAL PASSAGES. SKIN: IRRITANT. LIQUID MAY REMOVE NATURAL SKIN OILS RESULTING IN I RRITATION. DERMATITIS MAY OCCUR W/PROLONGED CONTACT. HARMFUL AMOUNTS MAY BE ABSORBED W/EXCESSIVE EXPOSURE. EYES: MAY RESULT IN SEVERE EYE INJURY W/CORNEAL OR CONJUNCTIVAL INFLAMMATION. VAPORS SLIGHTLY UNCOMFORTABLE. INGEST: MODERATELY TOXIC; MAY CAUSE NAUSEA, VOMITING, DIARRHEA, MENTAL SLUGGISHNESS. CHRONIC: REPEATED OVEREXPOSURE CAUSED RESPIRATORY TRACT

IRRITATION & DAMAGE TO RESPIRATORY EPITHELIU M IN LAB ANIMALS.

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