

IPS CORPORATION -- WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC

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MSDS Safety Information

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MSDS Date: 07/01/1997

MSDS Num: CKWZB

Product ID: WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE

MFN: 01

Responsible Party

Cage: 17510

Name: IPS CORPORATION

Address: 17109 S. MAIN ST.,

Box: 379

City: GARDENA CA 90248

Info Phone Number: 310-808-3300

Emergency Phone Number: (800) 451-8946 / 310-808-3300

Chemtrec IND/Phone: (800)424-9300

Proprietary Ind: Y

Review Ind: Y

Published: Y

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Contractor Summary

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Cage: 17510

Name: IPS CORPORATION

Address: 17109 S. MAIN ST.,

Box: 379

City: GARDENA CA 90248

Phone: 310-898-3300

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Ingredients

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Name: *** PROPRIETARY ***

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Health Hazards Data

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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EFFECT OF OVEREXPOSURE: ACUTE: INHALATION:
SEVERE

OVEREXPOSURE MAY RESULT IN NAUSEA, DIZZINESS, HEADACHE. CAN CAUSE
DROWSINESS,

IRRITATION OF EYES AND NASAL PASSAGES. SKIN CONTACT: SKIN IRRITANT.
LIQ UID

CONTACT MAY REMOVE NATURAL SKIN OILS RESULTING IN SKIN IRRITATION.
DERMATITIS

MAY OCCUR WITH PROLONGED CONTACT. SKIN ABSORPTION: PROLONGED OR
WIDESPREAD

EXPOSURE MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL.
EYE

CONTACT: OVEREXPOSURE MAY RESULT IN SEVERE EYE INJURY WITH CORNEAL
OR

CONJUNCTIVAL INFLAMMATION ON CONTACT WITH THE LIQUID. VAPORS SLIGHTLY
UNCOMFORTABLE. INGESTION: MODERATELY (SIGNS AND SYMPTOMS OF
OVEREXPOSURE).

Explanation Of Carcinogenicity: NONE OF THE INGREDIENTS ARE LISTED AS
CARCINOGENS BY IARC, NTP OR OSHA.

Signs And Symptoms Of Overexposure: (HEALTH HAZARDS ACUTE & CHRONIC
(CONT): TOXIC. MAY CAUSE NAUSEA, VOMITING, DIARRHEA. MAY CAUSE
MENTAL

SLUGGISHNESS. CHRONIC: SYMPTOMS OF RESPIRATORY TRACT IRRITATION AND
DAMAGE TO

RESPIRATORY EPITHELIUM WERE REPORTED IN RATS EXPOSED TO 5000 PPM
THF FOR 90

DAYS. ELEVATION OF SGPT SUGGESTS A DISTURBANCE IN LIVER FUNCTION.
THE NOEL

WAS REPORTED TO BE 200 PPM.

Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING
DISEASES OF

THE EYES, SKIN OR RESPIRATORY SYSTEM MAY HAVE INCREASED
SUSCEPTIBILITY TO THE
TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: INHALATION: IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR AND
IF

BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT,

GIVE OXYGEN. CALL PHYSICIAN. EYE CONTACT: FLUSH EYES WITH PLENTY
OF WATER

FOR 15 MINUTES AND CALL PHYSICIAN. SKIN CONTACT: REMOVE

CONTAMINATED CLOTHING

AND SHOES. WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES.

IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. INGESTION: GIVE 1 OR 2

GLASSES OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL PHYSICIAN OR POISION

CONTROL CENTER IMMEDIATELY.

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Handling and Disposal

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Spill Release Procedures: ELLMINATE ALL IGNITION SOURCES. AVOID BREATHING OF

VAPORS. KEEP LIQUID OUT OF EYES. FLUSH WITH LARGE AMOUNT OF WATER. CONTAIN

LIQUID WITH SAND OR EARTH. ABSORB WITH SAND OR NONFLAMMABLE ABSORBENT MATE

RIAL AND TRANSFER INTO STEEL DRUMS FOR RECOVERY OR DISPOSAL. PREVENT LIQUID

FROM ENTERING DRAINS.

Waste Disposal Methods: FOLLOW LOCAL, STATE AND 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 D

RIED BEFORE DISPOSAL. HAZARDOUS WASTE CODE 214.

Handling And Storage Precautions: STORE IN SHADE BETWEEN 40F-110F. KEEP AWAY

FROM HEAT, SPARKS, OPEN FLAME & OTHER SOURCES OF IGNITION. AVOID PROLONGED BREATHING OF VAPOR. USE WITH ADEQUATE VENTILATION. AVOID

CONTACT

WITH EYES, SKIN A ND CLOTHING. TRAIN EMPLOYEES ON ALL SPECIAL HANDLING

PROCEDURES BEFORE THEY WORK WITH THIS PRODUCT.

Other Precautions: FOLLOW ALL PRECAUTIONARY INFORMATION GIVEN ON CONTAINER

LABEL, PRODUCT BULLETINS AND OUR SOLVENT CEMENTING LITERATURE. ALL HANDLING

EQUIPMENT SHOULD BE ELECTRICALLY GROUNDED.

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point: =-14.4C, 6.F

Flash Point Text: BASED ON THF

Lower Limits: 2.0

Upper Limits: 11.6

Extinguishing Media: ANSUL "PURPLE K" POTASSIUM BICARBONATE DRY CHEMICAL,

CARBON DIOXIDE, NATIONAL AER-O-FOAM UNIVERSAL ALCOHOL RESISTANT FOAM, WATER SPRAY.

Fire Fighting Procedures: EVACUATE ENCLOSED AREAS, STAY UPWIND. CLOSE OR

CONFINED QUARTERS REQUIRE (NIOSH APPROVED - FP N) SELF-CONTAINED BREATHING

APPARATUS, POSITIVE PRESSURE HOSE MASKS OR AIRLINE MASKS. USE WATER SPRAY TO

COOL CONTAINERS, TO FLUSH SPILLS FROM SOURCE OF IGNITION AND TO DISPERSE VAPORS.

Unusual Fire/Explosion Hazard: FIRE HAZARD BECAUSE OF LOW FLASH POINT AND HIGH

VOLATIBILITY. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION.

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Control Measures

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Respiratory Protection: ATMOSPHERE LEVELS SHOULD BE MAINTAINED BELOW

ESTABLISHED EXPOSURE LIMITS CONTAINED IN (INGREDIENTS) SECTION. IF AIRBORNE

CONCENTRATIONS EXCEED THOSE LIMITS, USE OF A NIOSH APPROVED ORGANIC VAPOR

CARTRIDGE RESPIRATOR WITH FULL FACE-PIECE IS RECOMMENDED. THE EFFECTIVENESS

OF AN AIR PURIFYING RESPIRATOR IS LIMITED. USE IT ONLY (SUPPLEMENTAL SAFETY AND HEALTH)

Ventilation: USE ONLY WITH ADEQUATE VENTILATION. PROVIDE SUFFICIENT VENTILATION

IN VOLUME AND PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE EXPOSURE (WORK HYGENIC PRACTICES)

Protective Gloves: PVA COATED.

Eye Protection: SPLASH PROOF CHEMICAL GOGGLES (ANSI APPROVED - FP N).
Other Protective Equipment: IMPERVIOUS APRON AND A SOURCE OF RUNNING WATER TO

FLUSH THE EYES AND SKIN IN CASE OF CONTACT. EYEWASH AND DELUGE SHOWER

MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: N/P. VENTILATION (CONT): LIMITS SET FORTH IN

(INGREDIENTS) SECTION. USE ONLY EXPLOSION PROOF VENTILATION EQUIPMENT.

Supplemental Safety and Health: RESPIRATORY PROTECTION (CONT): FOR A SINGLE

SHORT-TERM EXPOSURE. FOR EMERGENCY AND OTHER CONDITIONS WHERE SHORT-TERM

EXPOSURE GUIDELINES MAY BE EXCEEDED, USE AN APPROVED POSITIVE PRESSURE SELF

CONTAINED BREATHING APPARATUS.

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Physical/Chemical Properties
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Boiling Point: =66.1C, 151.F

B.P. Text: BASED ON THF

Vapor Pres: 143 MMHG @ 20C (THF)

Vapor Density: 2.49, AIR=1

Spec Gravity: 0.860 +/- 0.040 @73+/-2F

VOC Grams/Liter: 860

Evaporation Rate & Reference: > 1.0 (BUAC = 1)

Solubility in Water: COMPLETE SOLUBLE IN WATER

Appearance and Odor: PURPLE OR CLEAR, THIN LIQUID. ETHEREAL ODOR.

Percent Volatiles by Volume: 100%

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER

SOURCES 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: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND

OTHER SOURCES OF IGNITION.

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Toxicological Information

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Toxicological Information: TETRAHYDROFURAN: DUPONT'S AEL FOR 8 HOUR AND 12 HOUR

TWA: 26 PPM, DUPONT'S RECOMMENDED STEL FOR 15 MINUTE TWA: 75 PPM.

INFORMATION FOUND IN REPORT FROM NATIONAL TOXICOLOGY PROGRAM (NTP) ON

INHALATION STUDY IN RATS AND MICE SUGGESTS THAT TETRAHYDROFURAN (THF) CAN

CAUSE TUMORS IN ANIMALS. IN STUDY THE RATS AND MICE WERE EXPOSED TO THF VAPOR

LEVELS UP TO 1800 PPM FOR 2 YRS (THEIR LIFETIME). 6 HOURS /DAY. 5 DAYS/WEEK.

TEST RESULT SHOWED EVIDENCE OF LIVER TUMORS IN FEMALE MICE AND KIDNEY TUMORS

IN MALE RATS. NO EVIDENCE OF TUMORS WAS SEEN IN FEMALE RATS AND MALE MICE.

THERE IS NO DATA LINKING THF EXPOSURE WITH CANCER IN HUMANS.

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Ecological Information

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MSDS Transport Information

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Transport Information: D.O.T. SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. CONTAINS:

(TETRAHYDROFURAN, METHYL ETHYL KETONE). D.O.T. HAZARD CLASS: 3.

IDENTIFICATION NUMBER: UN 1993. PACKAGING GROUP: II. LABEL REQUIRED: FLAMMA

BLE LIQUID. SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE GALLON:

D.O.T. SHIPPING NAME: CONSUMER COMMODITY. D.O.T. HAZARD CLASS: ORM-D.

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Regulatory Information

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Sara Title III Information: TITLE III SECTION 313 SUPPLIER NOTIFICATION: THIS

PRODUCT CONTAINS TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF

SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 196

6 AND OF 40CFR372. THIS INFO MUST BE INCL IN ALL MSDS'S THAT ARE COPIED AND

DISTRIBUTED FOR THIS MATERIAL.

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Other Information

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Other Information: CHEMICAL NAME AND FAMILY: MIXTURE OF ORGANIC SOLVENTS.

FORMULA: PROPRIETARY. TRANSPORT EMERGENCY: CHEMTREC (800) 424-9300 OR 3 E

COMPANY (800) 451-8346. MEDICAL EMERGENCIES: 3 E COMPANY (800) 451-8 346.

NFPA: HEALTH - 2, FLAMMABILITY - 3, REACTIVITY - 1. : HEALTH - 2, FLAMMABILITY - 3, REACTIVITY - 0, EQUIPMENT - H. PHYSICAL AND CHEMICAL

PROPERTIES (CONT): BOILING POINT: 151F BASED O N FIRST BOILING COMPONENT,

THF. VAPOR PRESSURE: 143 MM HG BASED ON FIRST BOILING COMPONENT, THF @ 20C.

VOC STATEMENT: VOC AS MANUFACTURED: 860 GRAMS/LITER, MAXIMUM VOC EMISSION PER

SCAQMO RULE 1168, T EST METHOD 316; 650 GRAMS/LITER.

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HAZCOM Label

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Product ID: WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE
Cage: 17510

Company Name: IPS CORPORATION

Street: 17109 S. MAIN ST.,

PO Box: 379

City: GARDENA CA

Zipcode: 90248

Health Emergency Phone: (800) 451-8946 / 310-808-3300

Label Required IND: Y

Date Of Label Review: 12/28/2000

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE LIQUID. ACUTE: INHALATION MAY CAUSE NAUSEA,

DIZZINESS, HEADACHE, DROWSINESS, IRRITATION OF EYES AND NASAL PASSAGES. SKIN

CONTACT MAY CAUSE IRRITATION, DERMATITIS WITH PROLONGED CONTACT. SKI N

ABSORPTION IS POSSIBLE. EYE CONTACT MAY RESULT IN SEVERE EYE INJURY WITH

CORNEAL OR CONJUCTIVAL INFLAMMATION. VAPORS SLIGHTLY UNCOMFORTABLE. INGESTION

MAY CAUSE NAUSEA, VOMITING, DIARRHEA, SLUGGISHN ESS. CHRONIC: RESPIRATORY

TRACT IRRITATION, DAMAGE TO RESPIRATORY EPITHELLIUM,AND DISTURBANCES IN LIVER

FUNCTION ARE POSSIBLE.

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