

INDUSTRIAL POLYCHEMICAL SERVICE -- WELD-ON 714 FOR CPVC PLASTIC PIPE (1PS-714) --  
8030-01-152-7069

===== Product Identification =====

Product ID:WELD-ON 714 FOR CPVC PLASTIC PIPE (1PS-714)

MSDS Date:06/01/1990

FSC:8030

NIIN:01-152-7069

MSDS Number: BJJJD

=== Responsible Party ===

Company Name:INDUSTRIAL POLYCHEMICAL SERVICE

Address:17109 S MAIN STREET

Box:379

City:GARDENA

State:CA

ZIP:90248

Count

ry:US

Info Phone Num:213-321-6515

Emergency Phone Num:213-484-5151 800-424-9300(CHEMTREC)

Preparer's Name:GEORGE BLANCO

CAGE:17510

=== Contractor Identification ===

Company Name:IPS CORPORATION

Address:17109 S. MAIN ST.,

Box:379

City:GARDENA

State:CA

ZIP:90248

Country:US

Phone:310-898-3300

CAGE:17510

===== Composition/Information on Ingredients =====

Ingred Name:CHLORINATED POLYVINYL CHLORIDE RESIN

CAS:68648-82-8

Fraction by Wt: 10-20%

Ingred Name:TETRAHYDROFURAN (SARA III)

CAS:109-99-9  
RTECS #:LU5950000  
Fraction by Wt: 55-70%  
OSHA PEL:200 PPM/250 STEL  
ACGIH TLV:200 PPM/250STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 15%  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CYCLOHEXANONE (SARA III)  
CAS:108-94-1  
RTECS #:GW1050000  
Fraction by Wt: 5-15%  
OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9  
293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

=====  
===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:(ACUTE) INHAL:SEV OVEREXP MAY RSLT IN  
NAUS/DIZZ/HDCH. CAN CAUSE DROW, IRRIT OF EYES/NASAL PASSAGES. SKIN:  
LIQ CONT MAY REMOVE NATRL SKIN OILS RSLTG IN IRRIT. DERM MAY OCCUR  
W/PRLNG  
CONT. EYE: OVEREXPO S MAY RSLT IN SEV EYE INJURY W/CORNEAL  
OR CONJUNCT INFLAMM ON CONT W/LIQ. VAP SLIGHTLY UNCOMFORTABLE. (SEE  
SIGNS & SYMP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ CON'T: INGEST: MODERATELY TOXIC. MAY  
CAUSE NAUSEA, DROWSINESS AND DIGESTIVE TRACT IRRIT. (CHRONIC) NONE  
CURRENTLY KNOWN.  
Medical Cond Aggravated by Exposure:NONE CURRENTLY KNOWN.

=====  
===== First Aid Measures =====

First Aid:INHAL:

IF OVERCOME BY VAPORS,REMOVE TO FRESH AIR&IF BRTH STOPPED, GIVE ARTF RESP, O\*2.CALL MD.EYE:FLUSH W/PLENTHY OF H\*2O FOR 15 MIN.CALL MD.SKIN:REMOVE CONTAM CLTH&SHOES. WASH W/PLENTHY OF SOAP&H\*2O FOR ATLEAST 15 MIN.IF IRRIT DEVELOPS, GET MD ATTENTION.INGEST:GIVE 1 OR 2 GLASSES OF H2\*O OR MILK. DO NOT INDUCE VOMITING. CALL MD OR POISON CONTROL CENTER IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:6F,-14C

Lower

Limits:1.8

Upper Limits:11.8

Extinguishing Media:ANSUL "PURPLE K" POTASSIUM BICARBONATE DRY CHEM,CO\*2, NATIONAL AER-O-FOAM UNIVERSAL ALCOHOL RESISTANT FOAM, WATER SPRAY.

Fire Fighting Procedures:EVAC ENCLSD AREAS, STAY UPWIND. WEAR NIOSH/MSHA APPRVD SCBA AND FULL PROT EQUIP . USE WATER SPRAY TO COOL CNTNRS, FLUSH SPILL AND DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:FIRE HAZ BECAUSE OF LOW FLASH POINT AND HIGH VOLATILITY. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO

SOURCE OF IGNITION.

===== Accidental Release Measures =====

Spill Release Procedures:ELIM ALL IGNIT SOURCES.AVOID BRTH OF VAPORS.KEEP LIQ OUT OF EYES. FLUSH W/LGE AMT OF H\*2O.CONTAIN LIQ W/SAND OR EARTH. ABSORB W/SAND OR NONFLAMMABLE ABSORBENT MATL&TRANSFER INTO STEEL DRUMS FOR RECOVER Y OR DISP.PVNT LIQ FROM ENTERING DRAINS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handl

ing and Storage Precautions:STORE IN SHADE BETWEEN 40F-110F.KEEP AWAY FROM HEAT,SPARKS,OPEN FLAME&OTHER SOURCES OF IGNIT.AVOID PRLNG BRTH OF VAPOR.USE W/ADEQ VENT.(SEE SUPP DATA)

Other Precautions:FOLLOW ALL PREC INFORMATION GIVEN ON CNTNR LABEL,PROD BULLETINS AND OUR SOLV CEMENT LITERATURE. ALL HNDLING EQUIP SHOULD BE ELEC GROUNDED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IN SITUATIONS WHERE VAPOR CONC EXCEED THE RECOM EXP

OS LIM, A NIOSH/MSHA APPRVD ORG VAPOR CART RESP W/FULL  
FACE-PIECE IS RECOM. USE ONLY NIOSH/MSHA APPROVED SCBA FOR  
EMERGENCIES.

Ventilation:EXPLOSION-PROOF GEN MECH VENT OR LOCAL EXHST IS RECOMND TO  
MAINTAIN VAPOR CONCENTRATIONS BELOW RECOM EXPOS LIMITS.

Protective Gloves:PVA COATED

Eye Protection:CHEMICAL WORKERS' GOGGLES

Other Protective Equipment:IMPERVIOUS APRON

Work Hygienic Practices:A SOURCE OF RUNNING WATER TO FLUSH OR WASH THE  
EYES AND SKIN IN CASE OF CONTACT.

Supplement

al Safety and Health

HNDLING & STOR (CONT): AVOID CONTACT W/EYES, SKIN AND CLOTHING. TRAIN  
EMPLOYEES ON ALL SPECIAL HANDLING PROCEDURES BEFORE THEY WORK WITH  
THIS PRODUCT.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:151F,66C

Vapor Pres:143MMHG20C

Vapor Density:2.49

Spec Gravity:0.968+/-0.020

Evaporation Rate & Reference:5-8

Solubility in Water:SOLUBLE

Appearance and Odor:ETHEREAL ODOR, TAN OR GRAY, MEDIUM SYRUPY LIQUID

Percent Volatiles

by Volume:85-90

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMMONIA, INORGANIC ACIDS, CHLORINATED COMPOUNDS, STRONG  
OXIDIZERS AND ISOCYNATES.

Stability Condition to Avoid:KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES  
AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:WHEN FORCED TO BURN, THIS PRODUCT  
GIVES OUT CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE AND  
SMOKE.

Conditions to Avoid Po

lymerization:KEEP AWAY FROM HEAT, SPARKS, OPEN  
FLAME AND OTHER SOURCES OF IGNITION.

===== Disposal Considerations =====

Waste Disposal Methods:FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.  
CONSULT DISP EXPERT. CAN BE DISP OF BY INCINERAT. EXCESS QTYS  
SHOULD NOT BE PERMITTED TO ENTER DRAINS. EMPTY CNTNRS SHOULD BE AIR  
DRIED BEFORE DISP. HAZ WA STE CODE:214

Disclaimer (provided with this information by the compiling agencies):  
This information is

formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.