

IPS CORPORATION -- WELD-ON 28 COMPONENT "C" -- 8040-00-526-1910

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Product Identification
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Product ID:WELD-ON 28 COMPONENT "C"

MSDS Date:03/01/1999

FSC:8040

NIIN:00-526-1910

Status Code:A

MSDS Number: CLNHJ

=== Responsible Party ===

Company Name:IPS CORPORATION

Address:17109 S. MAIN ST.,

Box:379

City:GARDENA

State:CA

ZIP:90248

Country:US

Info Phone Num:310-898-3300

Emergency Phone Num:213

-222-3212

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

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

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Composition/Information on Ingredients
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Ingred Name:METHYL METHACRYLATE

CAS:80-62-6

RTECS #:OZ5075000

= Wt:90.

OSHA PEL:410 MG/M3;100 PPM

ACGIH TLV:410 MG/M3;100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingre

d Name:N,N-DIMETHYLANILINE
CAS:121-69-7
RTECS #:BX4725000
= Wt:10.
OSHA PEL:25 MG/M3;5 PPM
ACGIH TLV:25 MG/M3;5 PPM
ACGIH STEL:50 MG/M3;10 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Health Hazards Acute and Chronic:CHRONIC:INHALATION: TOXICITY DESCRIBED IN ANIMALS EXPOSED BY INHALATION INCLUDE INFLAMMATION OF THE NASAL CAVITY AND CHANGES IN NASAL SENSORY CELLS AND SLIGHT DECREASE IN BODY WEIGHT. INGESTION: TOXIC ITY DE

SCRIBED IN ANIMALS EXPOSED BY INGESTION INCLUDE DECREASED BODY WEIGHT AND INCREASED RELATIVE KIDNEY WEIGHT AT HIGH DOSE LEVELS.

Effects of Overexposure:INHALATION: MAY CAUSE EYE, NOSE AND THROAT IRRITATION.MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS SUCH AS DIZZINESS, HEADACHE, NAUSEA AND LOSS OF CONSCIOUSNESS. REMOVE TO FRESH AIR. SKIN CONTACT: REPEAT ED OR PROLONGED CONTACT MAY CAUSE ALLERGIC SKIN RASH, ITCHING, SWELLING. POTENTIAL SKIN SENSITIZER.

EYE CONTACT: MAY CAUSE IRRITATION. LIQUID MAY CAUSE CORNEAL INJURY.

INGESTION: DO NOT INDUCE VOMITIN G AND GET PROMPT MEDICAL ATTENTION.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISEASES OF THE LUNGS, LIVER OR KIDNEY MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURE.

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

First Aid:INHALATION: REMOVE PATIENT TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NECESSARY. CONTACT PHYSICIAN IMMEDIATELY.

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES AND G ET MEDICAL ATTENTION. SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER FOR 15 MINUTES. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:=10.6C, 51.F
Lower Limits:2.1%
Upper Limits:12.5%
Extinguishing Media:FOAM, CARBON D

IOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT, INCLUDING SELF CONTAINED BREATHING APPARATUS. IS RECOMMENDED. COOL CONTAINERS OF MATERIAL EXPOSED TO HEAT WITH COLD WATER SPRAY. FIGHT FIRES FROM A SAFE DISTANCE OR PROTECTE D AREA.

Unusual Fire/Explosion Hazard:SEALED CONTAINERS EXPOSED TO ELEVATED TEMPERATURES MAY RUPTURE EXPLOSIVELY DUE TO POLYMERIZATION. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK.

SUSCEPTIBLE TO SPONTA NEOUS HEATING.CONSIDERED A FIRE HAZARD BECAUSE OF LOW FLASH POINT.

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

Spill Release Procedures:EVACUATE AREA. CLEAN UP SPILL IMMEDIATELY. AVOID EXPOSURE OF PERSONNEL TO TOXIC CONCENTRATION OF VAPOR AND GUARD AGAINST ACCIDENTIAL FIRE AND EXPLOSION. REMOVE ALL SOURCES OF IGNITION. CONTAIN LIQUID WITH SAND OR EARTH.

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

Handling

and Storage Precautions:STORE IN COOL, DARK PLACE BELOW 70 AWAY FROM ALL SOURCES OF HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION. TRAIN EMPLOYEES ON ALL SPECIAL HANDLING PROCEDURES BEFORE THEY WORK WITH THIS PRODUC T.

Other Precautions:FOLLOW ALL PRECAUTIONARY INFORMATION GIVEN ON CONTAINER LABEL.

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

Respiratory Protection:ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW ESTABLISHED EXPOSURE LIMITS CON TAINED IN SECTION II. IF AIRBORNE CONCENTRATIONS EXCEED THOSE LIMITS, USE OF A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPI RATOR WITH FULL FACE PIECE IS RECOMMENDED. THE EFFECTIVENESS OF AN AIR PURIFYING RESPIRATOR IS LIMITED USE IT ONLY FOR A SINGLE SHORT TERM EXPOSURE.

Ventilation:USE ONLY WITH ADEQUATE VENTILATION. PROVIDE SUFFICIENT VENTILATION.

Protective Gloves:PVA OR RUBBER COATED GLOVES.

Eye Protection:SPLASH PROOF SAFETY GOGGLES.

Other Protective Equipment:IMPERVIOU

S APRON AND A SOURCE OF RUNNING

WATER TO FLUSH OR WASH THE EYES AND SKIN IN CASE OF CONTACT.

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

Supplemental Safety and Health

STORE IN COOL, DARK PLACE BELOW 70 DEG F AWAY FROM ALL SOURCES OF HEAT,
SPARKS, OPEN FLAME, AND OTHER SOURCES OF IGNITION. CLOSE CONTAINER
AFTER EACH USE. GROUND CONTAINERS WHEN POURING. TRAIN EMPLOYEES ON
SPECIAL HANDLING PROCEDURES.

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

Boiling Pt: =101.1C, 214.F

Vapor Pres: 29 MM HG. @ 20 C

Vapor Density: 3.46

Spec Gravity: 0.939+0.040

Evaporation Rate & Reference: (BUAC=1) APPROX.3

Solubility in Water: BASED ON MONOMER 1.6

Appearance and Odor: CLEAR, THIN LIQUID PUNGENT

Percent Volatiles by Volume: 100%

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

Stability Indicator/Materials to Avoid: YES

REDUCING AND OXIDIZING AGENTS.

Stability

Condition to Avoid: EXPOSURE TO FIRE, ABNORMAL TEMPERATURES,
DIRECT SUNLIGHT OR CONTACT WITH OXIDIZING MATERIALS.

Hazardous Decomposition Products: CO, CO2, AND SMOKE. GENERATES HEAT
WHEN MIXED WITH OXIDIZING MATERIALS.

Conditions to Avoid Polymerization: MAY OCCUR.

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

Waste Disposal Methods: FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.

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