

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

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

Product ID:WELD-ON 28 COMPONENT "A"

MSDS Date:02/01/1999

FSC:8040

NIIN:00-526-1910

Status Code:A

MSDS Number: CLKMF

=== 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:(80

0)424-9300

Preparer's Name:HENRY SIMMONS

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

CAGE:17510

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

Ingred Name:ACRYLIC SYNTHETIC RESIN

Ingred Name:METHYL METHACRYLATE MORIOMER

CAS:80-62-6

RTECS #:OZ5075000

= Wt:52.

OSHA PEL:410 MG/M3;100 PPM

ACGIH TLV:410 MG/M3;100 PPM

=====  
===== 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: TOT ALLY DESCRIBED IN ANIMALS EXPOSED BY INGESTION INCLUDE DECREASED BODY WEIGHT AND INCREASED RELATIVE KIDNEY WEIGH T IN HIGH DOSE LEVELS.

Effects of Overexposure:ACUTE: EXPOSURE

MAY RESULT IN NAUSEA,

DIZZINESS, HEADACHE AND OTHER CNS EFFECTS. CAN CAUSE IRRITATION OF EYES AND NASAL PASSAGES. SKIN CONTACT: SKIN IRRITANT. POTENTIAL SKIN SENSITIZER. REPEATED OR PROLONGED CONTACT MAY RESULT IN SKIN IRRITATION, CONTACT DERMATITIS. RASH, ITCHING, SWELLING. EYE CONTACT: DIRECT EXPOSURE MAY RESULT IN IRRITATION WITH CORNEAL OR CONJUCTIVAL INFLAMMATION. INGESTIO N: MODERATELY TOXIC. DO NOT INDUCE VOMITING AND OBTAIN PROMPT MEDICAL ATTENTION.

Medica

I Cond Aggravated by Exposure:THIS MATERIAL MAY AGGRAVATE AN

EXISTING DERMATITIS. INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE LUNGS, LIVER OR KIDNEYS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:INHALATION: REMOVE PATIENT TO FRESH AIR AND IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CONTACT PHYSICIAN IMMEDIATELY. EYE CO

NTACT:

IMMEDIATELY FLUSH EY ES WITH WATER FOR 15 MINUTES AND CONTACT A PHYSICIAN. SKIN CONTACT: WASH SKIN WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. INGESTION: GIVE 1 OR 2 GLASS ES OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL A 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.

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG (BY TRAINED PERSONNEL)

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

Unusual Fire/Explosion Hazard:SEALED CONTAINERS EXPOSED TO ELEVATED TEMPERATURES MAY RUPTURE EXPLOSIVELY DUE TO POLYMERIZATION. VAPORS ARE HEAVIER THA

N AIR AND MAY TRAVEL TO SOURCE(S) OF IGNITION AT OR NEAR FLOOR OR LOWER LEVEL AN D FLASH BACK. SUSCEPTIBLE TO SPONTANEOUS HEATING. CONSIDERED A FIRE HAZARD BECAUSE OF LOW FLASH POINT.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. AVOID EXPOSURE OF PERSONNEL TO TOXIC CONCENTRATION OF VAPOR AND GUARD AGAINST ACCIDENTAL FIRE AND EXPLOSION. CONTAIN LIQUID WITH SAND, EARTH OR NONFLAMMABLE ABSORBE

NT MATERIAL AND TRANSFER INTO STEEL DRUMS FOR RECOVERY OR DISPOSAL. PREVENT LIQUID FROM ENTERING DRAIN.

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

Handling and Storage Precautions:STORE IN A COOL DRY PLACE BELOW 70F (21C) KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND SOURCES OF IGNITION. AVOID PROLONGED BREATHING OF VAPOR. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, S KIN, AND CLOTHING. TRAIN EMPLOYEES ON ALL SPECIAL HANDLING PROCEDURES.

Other Precautions:FOLLOW ALL PRECAUTIONARY INFORMATION GIVEN ON CONTAINER LABEL. PRODUCT BULLETINS AND OUR SOLVENT COMMENTING LITERATURE. ALL HANDLING EQUIPMENT SHOULD BE ELECTRICALLY GROUNDED.

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

Respiratory Protection:ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW ESTABLISHED EXPOSURE LIMITS CONTAIN IN SECTION II. IF AIRBORNE CONCENTRATIONS EXCEED THOSE LIMITS, USE A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE WIT

H 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 IN VOLUME AND PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves:NEOPRENE, NITRILE RUBBER OR PV/A COATED.

Eye Protection:SPLASHPROOF CHEMICAL GOGGLES

Other Protective Equipment:IMPERVIOUS APRON AND A SOURCE OF RUNNING WATER TO FL

USH OR WASH THE EYES AND SKIN IN CASE OF CONTACT

Supplemental Safety and Health

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

Boiling Pt:=101.1C, 214.F

Vapor Pres:29 MMHG

Vapor Density:3.46

Spec Gravity:1.03

Evaporation Rate & Reference:3 (BUAC=1)

Solubility in Water:BASED ON MONOMER 1.6

Appearance and Odor:CLEAR, THIN LIQUID AND DISTANT ODOR

Percent Volatiles by Volume:50-60%

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

Stability Indicator/M

aterials to Avoid:NO

REDUCING AND OXIDIZING AGENTS

Stability Condition to Avoid:EXPOSURE TO FIRE, HEAT, SPARKS, OPEN FLAME AND SOURCES OF IGNITION. DIRECT SUNLIGHT OR CONTACT WITH OXIDIZING MATERIALS.

Hazardous Decomposition Products:THIS PRODUCT GIVES OUT CARBON MONOXIDE (CO), CARBON DIOXIDE (CO2) AND SMOKE UPON COMBUSTION. GENERATES HEAT WHEN MIXED WITH OXIDIIZNG MATERIALS.

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

Waste Disposal Methods:FOLLOW LOCAL

, STATE AND FEDERAL REGULATIONS.

MATERIALS SHOULD NOT BE ALLOWED TO DRAIN INTO DOMESTIC SEWER OR STORM DRAINS. CONSULT DISPOSAL EXPERT.

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 sh

ould seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.