DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 8030
NIIN: 010606409
Manufacturer's CAGE: 56879
Part No. Indicator: A
Part Number/Trade Name: NOVAWELD C

General Information

Item Name: SEALING COMPOUND
Company's Name: GENOVA PRODUCTS,INC
Company's Street: 7034 E.COURT STREET
Company's P. O. Box: N/K
Company's City: DAVISON
Company's State: MI
Company's Country: US
Company's Zip Code: 48423-2504
Company's Emerg Ph #: 313-744-4500
Company's Info Ph #: 313-744-4500
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: D
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SN
Date MSDS Prepared: 26JUL88
Safety Data Review Date: 02JAN90
Supply Item Manager: 75
MSDS Preparer's Name: N/K
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BHGFF
Specification Number: N/R
Spec Type, Grade, Class: N/R
Hazard Characteristic Code: F3
Unit Of Issue: PT
Unit Of Issue Container Qty: 1.0 PT
Type Of Container: CAN
Net Unit Weight:

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NRC/State License Number: N/R
Net Explosive Weight:
Net Propellant Weight-Ammo: N/R
Coast Guard Ammunition Code:

Ingredients/Identity Information

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Proprietary: NO
Ingredient: TETRAHYDROFURAN (SARA III)
Ingredient Sequence Number: 01
Percent: 80.0
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: LU5950000
CAS Number: 109-99-9
OSHA PEL: 200 PPM/250 STEL
ACGIH TLV: 200 PPM/250STEL;9192
Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
Ingredient: CYCLOHEXANONE (SARA III)
Ingredient Sequence Number: 02
Percent: 10.0
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: GW1050000
CAS Number: 108-94-1
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9293
Other Recommended Limit: NOT ESTABLISHED

Proprietary: NO
Ingredient: NON-HAZARDOUS INGREDIENTS(NOT SPECIFIED)
Ingredient Sequence Number: 03
Percent: BALANCE
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: 1000314NH
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: NOT ESTABLISHED
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Physical/Chemical Characteristics
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Appearance And Odor: ORANGE COLORED LIQUID WITH ETHERAL ODOR
Boiling Point: 151F,66C
Melting Point: N/K
Vapor Pressure (MM Hg/70 F): 97.5 MMHG
Vapor Density (Air=1): 2.6
Specific Gravity: 1.0
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K

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Solubility In Water: PARTIALLY SOLUBLE
Percent Volatiles By Volume: N/K
Viscosity:
pH: N/K
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss): N/P
Corrosion Rate (IPY): N/K
Autoignition Temperature:
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Fire and Explosion Hazard Data

Flash Point: 6F,-14C
Flash Point Method: TCC
Lower Explosive Limit: 2.0
Upper Explosive Limit: 12.0
Extinguishing Media: USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
Special Fire Fighting Proc: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire And Expl Hazrds: FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS;VAPORS ARE HEAVIER THAN AIR MAY TRAVEL ALONG THE GROUND.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE,HYDROGEN CHLORIDE AND OTHER UNIDENTIFIED COMPONENTS (HYDROCARBON PRODUCTS)
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): AVOID EXCESSIVE MIST OR VAPORS.

Health Hazard Data

LD50-LC50 Mixture: LD50 (ORAL RAT) IS 5.690 MG/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE HEADACHE,DIZZINESS,NAUSEA,VOMITING AND POSSIBLE UNCONSCIOUSNESS;REDNESS OR BURNS OF EYES/SKIN POSSIBLE.CHRONIC:DRYING OF SKIN,DEFATTING OR DERMATITIS.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS DATA.
Med Cond Aggravated By Exp: PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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Emergency/First Aid Proc: INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: USE PROPER PERSONAL PROTECTION;REMOVE ALL IGNITION SOURCES;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.
Neutralizing Agent: NOT APPLICABLE.
Waste Disposal Method: CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND

REGULATIONS.
Precautions-Handling/Storing: STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.
Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.
Ventilation: LOCAL/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves: NEOPRENE, NITRILE, OR NATURAL RUBBER
Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
Suppl. Safety & Health Data: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Transportation Data

Transportation Action Code:
Transportation Focal Point: D
Trans Data Review Date: 90002
DOT PSN Code: AFR
DOT Symbol:
DOT Proper Shipping Name: ADHESIVES,
DOT Class: 3
DOT ID Number: UN1133
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
DOT/DoD Exemption Number:
IMO PSN Code: DUW
IMO Proper Shipping Name: CEMENT,

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IMO Regulations Page Number: SEE 3102
IMO UN Number: 1133
IMO UN Class: 3.1
IMO Subsidiary Risk Label: -
IATA PSN Code: AKY
IATA UN ID Number: 1133
IATA Proper Shipping Name: ADHESIVES
IATA UN Class: 3
IATA Subsidiary Risk Class:
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: AKY
AFI Symbols:
AFI Prop. Shipping Name: ADHESIVES
AFI Class: 3
AFI ID Number: UN1133
AFI Pack Group: II
AFI Label:
AFI Special Prov:
AFI Basic Pac Ref: 7-8
MMAC Code:
N.O.S. Shipping Name: CONTAINS I0% CYCLOHEXANONE

Additional Trans Data: SHIPPING NAME PER MSDS.

Disposal Data

Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:
Disposal Supplemental Data:
1st EPA Haz Wst Code New:
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:
1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

Label Data

Label Required: YES
Technical Review Date:
Label Date:
MFR Label Number:
Label Status: F
Common Name:

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Chronic Hazard: N/P
Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name: GENOVA PRODUCTS,INC

Label Street: 7034 E.COURT STREET
Label P.O. Box: N/K
Label City: DAVISON
Label State: MI
Label Zip Code: 48423-2504
Label Country: US
Label Emergency Number: 313-744-4500
Year Procured: