

GENOVA PRODUCTS, INC.

M A T E R I A L S A F E T Y D A T A S H E E T

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

Ref. #8

SECTION I. IDENTIFICATION

PRODUCT TRADE NAME: **NOVAWELD C**

MANUFACTURER'S NAME: Wiltic Chemical

ADDRESS: 7034 E. Court Street

Davison, MI 48423

PHONE: (810) 744-4500

24 HOUR EMERGENCY PHONE (INFOTRAC): 1-800-535-5053 (U.S.) or 352-323-3500 (International)

DATE OF PREPARATION: October 11, 2001

PROPER SHIPPING NAME FOR DOMESTIC SHIPMENT: Consumer Commodity ORM-D

PROPER SHIPPING NAME FOR INTERNATIONAL SHIPMENT: Flammable Liquid, N.O.S. (Contains Tetrahydrofuran and Cyclohexanone) 3.2, UN1993, PGII, Limited Quantity

HAZARD RATINGS: HEALTH FLAMMABILITY REACTIVITY

HMIS RATING: 3 3 1

NFPA RATING: 2 3 1

SECTION II. HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

CHEMICAL NAME(S) CAS NUMBER OSHA PEL ACGIH TLV WEIGHT PERCENT

TETRAHYDROFURAN 109-99-9 200 PPM 200 PPM 80

CYCLOHEXANONE 108-94-1 50 PPM 25 PPM 10

CPVC RESIN 68648-82-8 N/A N/A 10

NOTE: Any remaining ingredients are not hazardous in the finished product. All percentages are accurate within the guidelines published by the Occupational Safety and Health Administration (OSHA).

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (°F): 151 VAPOR PRESSURE (MM Hg): 97.5 AT 20°C VAPOR DENSITY (AIR = 1): 2.6 SOLUBILITY IN WATER: Partially Soluble

SPECIFIC GRAVITY: 1.0 EVAPORATION RATE (BU AC = 1): Not Available

APPEARANCE AND ODOR: Orange colored liquid with ethereal odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (T.C.C.): -14°C

FLAMMABLE LIMITS (% BY VOL.) LOWER: 2 UPPER: 12

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, CO₂. Use water spray to cool exposed containers.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area. Fire fighters should wear proper respiratory equipment to protect against hazardous combustion products. Water in a straight hose stream may cause fire to spread and should be used for cooling only.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fumes are heavier than air and may travel along the ground to ignition sources.

SECTION V. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, hydrogen chloride and various hydrocarbon fractions from incomplete combustion.

HAZARDOUS POLYMERIZATION: Can occur in presence of cationic initiators such as selected lewis acids or strong proton acids.

SECTION VI. HEALTH HAZARD DATA

with liquid and vapors. Extinguish all possible sources of ignition. Dike spill. Ventilate area. Soak up on absorbent material and place in sealable steel containers in preparation for proper disposal.

WASTE DISPOSAL METHOD: Comply with federal, state and local regulations. If permits and regulations allow, may be incinerated, allowed to evaporate or deep well injected.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Good general ventilation should be provided to keep vapor concentrations below flammability and exposure limits. Keep from heat, sparks and flames. Keep containers tightly closed when not in use. Store in a cool, dry, ventilated area away from ignition sources. Do not store with oxidizing agents.

OTHER PRECAUTIONS: DO NOT INGEST. Avoid prolonged or repeated contact with skin. Avoid conditions that favor the formation of excessive mist or fumes.

SECTION VIII. CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved respirators if vapor concentrations exceed permissible exposure limits.

VENTILATION: Use local exhaust or dilution ventilation as required to control vapor concentrations below permissible exposure limits. Mechanical exhaust, if required, should be removed from the vapor concentration or be of an explosion proof design.

PROTECTIVE GLOVES: PVA coated or other chemically resistant material.

EYE PROTECTION: Chemical splash goggles with splash shields or full face shield.

OTHER PROTECTIVE EQUIPMENT: To prevent repeated or prolonged skin contact, wear impervious clothing.

WORK/HYGIENIC PRACTICES: Wash skin and clothing thoroughly after handling.

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