



MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

QUIK WELD COMPOUND PART NO. 49402 - PART A - RESIN

SECTION I - IDENTITY INFORMATION

Chemical Family : Quik Weld Steel Resin

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>%</u>
Calcium Carbonate	1317-65-3	10 MG/M3	15 MPPCF	35-45
Iron Powder	65997-19-5	15 MG/M3	15 MPPCF	15-20
Epoxy Resin	25068-38-6	N/E		40-50
Fumed Silica	112945-52-5	10 MG/M3	20 MPPCF	1-5

SECTION III - PHYSICAL PROPERTIES

Boiling Point : N/A
Operating Temperature : 350⁰F
Vapor Pressure : N/A
Vapor Density (Air=1) : >1
Solubility in Water : Not Soluble
Appearance : Dark gray or black smooth paste
Melting Point : N/A
Specific Gravity (Water=1) : 1.17
Volatile by Volume : Nil
Evaporation Rate (Ethyl Ether=1) : Slower Than
VOC : None

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : >200⁰F - CC
Fire Extinguishing Media : CO₂, dry chemicals, and foam.
Special Fire Fighting Procedures : Fire fighters wear self-contained breathing apparatus. Fight like a fuel or fire.
Flammable Limits : N/E

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value : Product TLV Not Established.
Health Hazards : May cause minor skin or eye irritation.

CALIFORNIA PROPOSITION 65 STATEMENT: *Trace Amounts of Epichlorohydrin, a Substance that is a Human Cancer Hazard, may be contained in this Product. The Level in this Product Does Not Constitute a Significant Risk.*

CALIFORNIA PROPOSITION 65: *Trace Amounts of Some Chemicals Known to the State of California to Cause Cancer, Birth Defects or Other Reproductive Harm may be Present in this Product.*

FIRST AID PROCEDURES:

Skin Contact	: Wash with soap and excess water. Obtain medical attention if irritation occurs.
Eye Contact	: Flush promptly with excess water for 15 minutes. Call a physician.
Ingestion	: Do Not induce vomiting. Call a physician. if conscious, give a glass of water to person.
Inhalation	: Remove from contaminated areas, apply artificial respiration if necessary, call a physician.

SECTION VI- REACTIVITY DATA

Stability	: Stable
Incompatibility	: Strong acids or alkalis.
Hazardous Decomposition Products	: Thermal decomposition will yield carbon monoxide and carbon dioxide.
Hazardous Polymerization	: Will not occur.
Conditions to Avoid	: Open flames, sparks, and high temperatures.

SECTION VII - SPILL AND DISPOSAL METHOD

Steps to be Taken if Material is Released or

Spilled : Wash and clean up small spills with water and detergent. pick up large spills with inert absorbent and place in a container for disposal.

Waste Disposal Method : Disposal method must comply with local, state, and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection	: With general room ventilation does not require any respiratory protection. If room ventilation is lacking, Use NIOSH approved respirator
Ventilation Requirements	: General room ventilation.
Local	: Exhaust and long leg clothing.
Mechanical	: Acceptable
Special	: None
Eye	: Safety glasses or goggles.
Hand	: Neoprene or equivalent recommended.
Other Protective Equipment	: Eye wash fountain and safety shower should be Available.

SECTION IX - HANDLING AND STORAGE PRECAUTIONS

Other Storage and Handling Conditions : Store at ambient temperature.

NOTES: N/E - Not Established N/D - Not Determined N/A - Not Applicable

SECTION X – HAZARD COMMUNICATION CODES

HMIS RATING:

Health	:	2
Flammability	:	1
Reactivity	:	1

QUIK WELD COMPOUND PART NO. 49402 - PART B - HARDENER

SECTION I - IDENTITY INFORMATION

Chemical Family : Quik Weld Hardener

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>ACGIH TWA</u>	<u>OSHA PEL</u>	<u>%</u>
Calcium Carbonate	1317-65-3	10mg/m3	15mppcf	35-40
Barium Sulfate	7727-43-7	10mg/m3	15mppcf	20-30
Magnesium Silicate	14807-96-6	2mg/m3	20mppcf	2 -7
Titanium Dioxide	13463-67-7	10mg/m3	15mg/m3	1 -6
Forfuryl Alcohol	98-00-0	10ppm		1 -5
Polyamide Resin	68410-23-1	N/E		15-25

SECTION III - PHYSICAL PROPERTIES

Boiling Point : N/A
Vapor Pressure : N/A
Vapor Density (Air=1) : 1
Water Solubility : Not Soluble
Appearance : White Paste
Melting Point : N/A
Specific Gravity (Water=1) : 1.73
Volatile by Volume : Nil
Evaporation Rate (Ethyl Ether=1) : Slower than Ethyl Ether
VOC : Nil

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) : 350⁰F (Seta Closed Cup)
Fire Extinguishing Media : CO₂, dry chemicals, and foam.
Special Fire Fighting Procedures : Fire fighters wear self-contained breathing apparatus. Fight like a fuel oil fire.
Unusual Fire and Explosion Hazard : Closed containers exposed to high temperatures such as fire conditions may rupture.
Flammable Limits : N/E

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value : Product TLV Not Established.
Health Hazards : Severe eye and skin irritant.

CALIFORNIA PROPOSITION 65: *Trace Amounts of Some Chemicals Known to the State of California to Cause Cancer, Birth Defects, or Other Reproductive Harm may be Present in this Product.*

FIRST AID PROCEDURES:

- Skin Contact : Wash with soap and excess water. Obtain medical attention if irritation occurs.
- Eye Contact : Flush promptly with excess water for 15 minutes. Call a physician.
- Ingestion : Do Not induce vomiting. Call a physician. If conscious, give a glass of water to person.
- Inhalation : Remove from contaminated area. Apply artificial respiration if necessary, Call a physician.

SECTION VI - REACTIVITY DATA

- Stability : Stable
- Incompatibility : Strong acids or alkalis.
- Hazardous Decomposition Products : Thermal decomposition will yield carbon monoxide and carbon dioxide.
- Hazardous Polymerization : Will not occur.
- Conditions to Avoid : Open flames, sparks and high temperatures.

SECTION VII - SPILL AND DISPOSAL METHOD

- Steps to be Taken if Material Is Released or Spilled : Wash and clean up small spills with water and detergent. Pick up large spills with inert absorbent and place in a container for disposal.
- Waste Disposal Method : Disposal method must comply with local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

- Respiratory Protection : With general room ventilation does not require any respiratory protection. If room ventilation is lacking, use NIOSH approved respirator.
- Ventilation Requirements : General room ventilation.
- Local : Exhaust
- Mechanical : Acceptable
- Special : None
- Eye : Safety glasses or goggles.
- Hand : Neoprene or equivalent required.
- Other Protective Equipment : Eye wash fountain and safety shower should be available.

SECTION IX - HANDLING AND STORAGE PRECAUTIONS

- Other Storage and Handling Conditions : Store at ambient temperature.

NOTES: N/E - Not Established N/D - Not Determined N/A - Not Applicable

SECTION X – HAZARD COMMUNICATION CODES

HMIS RATING:

Health	:	2
Flammability	:	1
Reactivity	:	1

The Information Contained Herein is Based on Data Considered Accurate. However, No Warranty is Expressed or Implied Regarding the Accuracy of the Data or the Results to be obtained From the Use Thereof. Because the Information Contained herein may be applied Under Conditions beyond Our Control, We Assume No Responsibility for its Use.

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