



## 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 : 350<sup>0</sup>F  
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) : >200<sup>0</sup>F - CC  
Fire Extinguishing Media : CO<sub>2</sub>, 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**

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|----------------------------------|--|
| 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**

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|--|---|
| 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/m <sup>3</sup>	15mppcf	35-40
Barium Sulfate	7727-43-7	10mg/m <sup>3</sup>	15mppcf	20-30
Magnesium Silicate	14807-96-6	2mg/m <sup>3</sup>	20mppcf	2 -7
Titanium Dioxide	13463-67-7	10mg/m <sup>3</sup>	15mg/m <sup>3</sup>	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) : 350<sup>0</sup>F (Seta Closed Cup)  
Fire Extinguishing Media : CO<sub>2</sub>, 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.
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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

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