



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:

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| 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

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| 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 ³	15mppcf	35-40
Barium Sulfate	7727-43-7	10mg/m ³	15mppcf	20-30
Magnesium Silicate	14807-96-6	2mg/m ³	20mppcf	2 -7
Titanium Dioxide	13463-67-7	10mg/m ³	15mg/m ³	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.
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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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