

H.B. FULLER CO. -- FE-7004-A RESIWELD -- 8040-00-062-4173

===== Product Identification =====

Product ID:FE-7004-A RESIWELD

MSDS Date:03/29/1994

FSC:8040

NIIN:00-062-4173

Kit Part:Y

MSDS Number: BWCVG

=== Responsible Party ===

Company Name:H.B. FULLER CO.

Address:1200 WOLTERS BOULEVARD

City:VADNALIS HEIGHT

State:MN

ZIP:55110

Country:US

Info Phone Num:612-481-3300

Emergency Phone Num:612-481-3300 OR

612-488-1588

Preparer's Name:INDUSTRIAL HYGIENE

CAGE:DO317

=== Contractor Identification ===

Company Name:H.B. FULLER CO.

Address:2400 KASOLA AVE.

Box:City:ST. PAUL

State:MN

ZIP:55108

Phone:612-645-3401

CAGE:DO317

Company Name:H.B. FULLER COMPANY

Address:3500 LEXINGTON AVENUE N.

Box:City:ST. PAUL

State:MN

ZIP:55126-8076

Country:US

Phone:612-236-5300/ -5309 FAX

CAGE:0DH19

===== Composition/Information on Ingredients =====

Ingred Name:N-BUTYL GLYCIDYL ETHER (BGE)

CAS:2426-08-6

RTECS #:TX4200000  
Fraction by Wt: 1-10%.  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:50 PPM  
ACGIH TLV:25 PPM; 9394

Ingred Name:EPOXY RESIN  
Fraction by Wt: 70-100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:NONE ESTABLISHED  
ACGIH TLV:NONE ESTABLISHED

Ingred Name:SILICA GEL  
CAS:112945-52-5  
RTECS #:VV7310000  
Fraction by Wt: 1-5%  
Other REC Limits:10 MG/M3

Ingred Name:VOLATILE ORGANIC COMPOUNDS: 90 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION AND CNS EFFECTS. CONTACT MAY CAUSE SKIN SENSITIZATION AND EYE IRRITATION. HARMFUL IF SWALLOWED. CHRONIC: LONG-TERM OVEREXPOSURE TO SOLVENTS MAY CAUSE LIVER & KIDNEY DAMAGE.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYES: REDNESS, TEARING, BLURRED VISION. SKIN: REDNESS, RASH, DISCOMFORT. INHALED: DIZZINESS, HEADACHES, NAUSEA, UNCONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:NO KNOWN EFFECTS ON OTHER ILLNESSES.

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===== First Aid Measures =====

First Aid:INHALATION-REMOVE TO FRESH AIR. RESTORE BREATHING IF NEEDED. CALL A PHYSICIAN. EYE-IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CALL A P

HYSICIAN. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTH ING. INGESTION-DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:173F,78C

Extinguishing Media:USE WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:PERSONS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHIN G APPARATUS & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:THERE IS A POSSIBILITY OF PRESSURE BUILD-UP IN CLOSED CONTAINERS WHEN HEATED. WATER SPRAY MAY BE USED TO COOL THE CONTAINERS.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. AVOID BREATHING VAPORS. DIKE & CONTAIN SPILL WITH INERT ABSORBENT & TRANSFER TO CONTAINER FOR DISPOSAL. USE NON-SPARKING TOOLS. KEEP

SPILL OUT OF SEW ERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM STRONG OXIDIZING AGENTS AND SOURCES OF IGNITION. KEEP CONTAINER CLOSED.

Other Precautions:EMPTIED CONTAINER RETAINS VAPOR AND PRODUCT RESIDUE. OBSERVE ALL LABELED PRECAUTIONS UNTIL CONTAINER IS CLEANED. DO NOT CUT OR WELD NEAR OR ON THIS CONTAINER!

===== Exposu re Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV, USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29CFR1910.134, INSTRUCTIONS/WARNINGS & NIOSH-RESPIRATOR DECISION LOGIC-PUB #87-108.

Ventilation:PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURES BELOW PEL/TLV.

Protective Gloves:IMPERVIOUS TYPE FOR TASK AT HAND.

Eye Protection:SAFET

Y GLASSES.

Other Protective Equipment:AS REQUIRED FOR TASK AT HAND TO MINIMIZE EXPOSURE & ENHANCE WORKER PROTECTION (EG. EYE-WASH STATION, ETC).

Work Hygienic Practices:USE IN MANNER SET FORTH BY MFR'S DIRECTIONS AS WELL AS PROCEDURES SET FORTH BY SAFETY & HEALTH OFFICE.

Supplemental Safety and Health

WARNING STATEMENTS: VAPORS HARMFUL-DERMAL SENSITIZER. KEY1:F8.

===== Physical/Chemical Properties =====

HCC:V4

Spec Gravity:1.15

Viscosity:3500 CPS

Appearance

and Odor:MILKY WHITE LIQUID, SWEET ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NOT ESTABLISHED.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NOT ESTABLISHED.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL VIA INCINERATION AT AN APPROVED FACILITY IS RECOMMENDED. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDE

RAL REGULATIONS. NOT REGULATED AS HAZARDOUS WASTE UNDER 40 CFR 261.

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