

1301 E. 9th Street, #700  
Cleveland OH 44114  
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**Barnes Distribution**

**Material Safety Data Sheet**

**MSDS Form No. : 003980**

**Item No. : KP68464**

**MATERIAL SAFETY DATA SHEET**

**FIBERGLASS RESIN**

**-----SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -----**

**MSDS Name: FIBERGLASS RESIN**

**Product CAS: (none)**

**Product Code:**

**Synonyms: 68464; FIBERGLASS RESIN; KP68464; OATEY COMPLETE FIBERGLASS  
REPAIR KIT - RESIN**

**SOLUTION**

**Company Identification:**

**Name: U S CHEMICAL AND PLASTICS**

**Address: 600 NOVA DRIVE SE**

**Address:**

**City: MASSILLON State: OH Zip: 44646**

**For information, call: 613-996-6666**

**Emergency Number: 800-424-9300**

**Emergency Agency:**

**Number:**

**MSDS Creation Date: 3/1/2005**

**Supersedes Date: 7/1/2003**

**-----SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS -----**

<b>Chemical Name</b>	<b>CAS</b>	<b>MIN</b>	<b>MAX</b>
<b>STYRENE</b>	<b>100-42-5</b>	<b>30</b>	<b>40</b>

**Miscellaneous:**

<b>CHEMICAL</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS</b>
<b>STYRENE</b>	<b>100 PPM</b>	<b>100 PPM TWA</b>	

Lbs of VOC per Gallon Coating (minus water): 0  
Coating Density (lbs/gal): 0  
Solvent Density (lbs/gal): 0  
Percent Solvent (volume): 0  
Percent Solids (volume): 0  
Percent Water (volume): 0

-----SECTION 3 - HAZARDS IDENTIFICATION -----

NFPA: Health: Fire: Reactivity: Other:  
HMIS: Health: 2 Fire: 3 Reactivity: 1 Special Protection:  
Miscellaneous:

POTENTIAL HEALTH EFFECTS

Target Organs:

Eye:  
MILD IRRITATION TO EYES. WHILE DIRECT CONTACT MAY BE IRRITATING,  
REDNESS,  
TEARING, BLURRED VISION AND OR SWELLING.

Skin:  
PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SENSITIZATION WITH ITCHING,  
SWELLING, OR RASHES ON LATER EXPOSURE.

Ingestion:  
CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Inhalation:  
MAY IRRITATE NOSE, CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS,  
WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND/OR  
ASPHYXIATION. ASPIRATION OF MATERIAL INTO LUNGS MAY RESULT IN CHEMICAL  
PNEUMONITIS WHICH CAN BE FATAL.

Miscellaneous:

-----SECTION 4 - FIRST AID MEASURES -----

Eye:  
FLUSH EYES WITH CLEAN WATER FOR AT LEAST 15 MINUTES WHILE GENTLY HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

Skin:  
WASH SKIN THOROUGHLY WITH SOAP AND WATER. CONSULT A PHYSICIAN IF  
IRRITATION DEVELOPS.

Ingestion:  
DO NOT INDUCE VOMITING GIVE VICTIM A GLASS OF WATER AND GET MEDICAL  
ATTENTION.

Inhalation:  
REMOVE PATIENT TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS

**DIFFICULT.**

**GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.**

**Notes to Physician:**

**-----SECTION 5 - FIRE FIGHTING MEASURES -----**

**Unusual Fire and Explosion Hazards:**

**CLOSED CONTAINERS EXPOSED TO HIGH TEMPERATURES, SUCH AS FIRE CONDITIONS MAY RUPTURE.**

**Special Fire Fighting Procedures:**

**FIGHT LIKE A FUEL FIRE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.**

**Extinguishing Media:**

**CARBON DIOXIDE, DRY CHEMICAL, FOAM.**

**Flash Point:**

**89 F/31.7 C**

**Flammable Limits:**

**Lower Limit:**

**N/E**

**Upper Limit:**

**N/E**

**AutoIgnition Temperature:**

**ND**

**General Information:**

**METHOD USED: SETA FLASH CLOSED CUP**

**-----SECTION 6 - ACCIDENTAL RELEASE MEASURES -----**

**Disposal:**

**REMOVE TO WASTE FACILITY OPERATING IN COMPLIANCE WITH STATE AND LOCAL REGULATIONS.**

**Spills/Leaks:**

**VENTILATE AREA. REMOVE ALL POSSIBLE SOURCES OF IGNITION. AVOID PROLONGED BREATHING VAPORS., CONTAIN SPILL WITH INERT ABSORBENT.**

**MARINE POLLUTANT: CONTAINS TEN PERCENT OR MORE OF A MARIE POLLUTANT.**

**-----SECTION 7 - HANDLING and STORAGE -----**

**Handling:**

**HANDLE MIXED RESIN AND HARDENER IN ACCORDANCE WITH THE POTENTIAL HAZARD OF THE CURING AGEN USED. WASH THOROUGHLY AFTER USING, PARTICULARLY BEFORE**

**EATING OR SMOKING.**

**Storage:**

**STORE IN A COOL, DRY PLACE. DO NOT STORE IN DIRECT SUNLIGHT OR EXCESSIVE HEAT. DO NOT STORE ABOVE 100F/38C**

**-----SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION -----**

**Engineering Controls:**

**LOCAL EXHAUST: SHOULD BE USED TO CONTROL THE EMISSION OF AIR CONTAMINANTS.**

**MECHANICAL (GENERAL): TO ASSIST WITH THE REDUCTION OF AIR CONTAMINANT CONCENTRATIONS.**

**Eyes:**

**SAFETY GLASSES WITH SIDE SHIELDS**

**Skin:**

**RUBBER GLOVES.**

**Clothing:**

**EYE WASH AND SAFETY SHOWER SHOULD BE AVAILABLE.**

**Respirators:**

**-----SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----**

**Appearance/Odor:**

**AMBER OPAQUE LIQUID**

**pH: N/A**

**Vapor Pressure: N/A**

**Vapor Density: HEAVIER THAN AIR**

**Evaporation Rate: SLOWER THAN ETHER**

**Viscosity: N/A**

**Boiling Point: N/E**

**Freezing/Melting Point: N/E**

**Decomposition Temperature: N/A**

**Solubility: IN WATER - N/E**

**Specific Gravity: 1.15**

**Molecular Formula: N/A**

**Molecular Weight: N/A**

**Miscellaneous:**

**VOLATILES BY WT % APPROX 35%**

**VOC: GRAMS/LITRE = 402            LBS/GALLON= 3.36            LOSS UPON CURE=1.6 G/L**

**-----SECTION 10 - STABILITY AND REACTIVITY -----**

**Chemical Stability:**

**STABLE**

**Conditions to Avoid:**

**OPEN FLAME AND EXTREME HEAT. OPEN FLAME OR CONTAMINATION WITH OXIDIZING AGENTS AVOID STORAGE ABOVE 38 C (100 F).**

**Incompatibilities with Other Materials:**

**STRONG ACIDS AND STRONG OXIDIZING AGENTS.**

**Hazardous Decomposition Products:**

**OXIDES OF CARBON, CARBON DIOXIDE, LOW MOLECULAR WEIGHT HYDROCARBONS, ORGANIC ACIDS.**

**Hazardous Polymerization:**

**WILL NOT OCCUR.**

**-----SECTION 11 - TOXICOLOGICAL INFORMATION -----**

**Toxicological Information:**

**NO DATA**

**-----SECTION 12 - ECOLOGICAL INFORMATION -----**

**Ecological Information:**

**NO DATA**

**-----SECTION 13 - OTHER PRECAUTIONS -----**

**Other Precautions:**

**Work/Hygienic Practices:**

**USE AS DIRECTED ON PRODUCT LABEL; AND PRACTICE GOOD HABITS OF CLEANLINESS.**

**-----SECTION 14 - TRANSPORT INFORMATION -----**

**Transportation Information:**

**SHIPPING ID NUMBER: RESIN SOLUTION UN1866. EPA HAZARDOUS WASTE ID NUMBER:**

**D001. EPA HAZARDCLASS: IGNITABLE WASTE.**

**Label Information:**

**-----SECTION 15 - REGULATORY INFORMATION -----**

**Regulatory Information:**

**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.**

**SECTION 313 SUPPLIER NOTIFICATION:**

**THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE  
REPORTING REQUIREMENTS OF THE  
EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR  
372.**

**-----SECTION 16 - ADDITIONAL INFORMATION -----**

**Additional Information:**

**NE: NOT ESTABLISHED**

**NA: NOT AVAILABLE**