

**CERAFLOUR 920**

Version 1

Revision Date 02/05/2010

Print Date 02/05/2010

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : CERAFLOUR 920  
Product Use Description : Wax Additive

Company : BYK USA Inc.  
524 South Cherry Street  
Wallingford CT 06492

Prepared by : J.Nole, Safety; M.McCutcheon, Regulatory  
Telephone : (203) 265-2086  
Visit our web site : [www.byk.com](http://www.byk.com)  
E-mail address : [ehs.byk.usa@altana.com](mailto:ehs.byk.usa@altana.com)  
Emergency telephone : CHEMTREC 800-424-9300

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Form : micropowder  
Colour : white

**OSHA Regulatory Status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for other users of this product.

**Potential Health Effects**

Eyes : Contact may cause irritation.

Skin : Contact may cause irritation.

Ingestion : Ingestion may irritate the digestive tract.

Inhalation : Dust particles may cause irritation of the respiratory tract.

Chronic Exposure : No known chronic health effects.

Aggravated Medical Condition : May be aggravating to some asthma-type conditions

Primary Routes of Entry : Skin contact  
Skin absorption  
Inhalation  
Eyes  
Ingestion

**Carcinogenicity:**

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No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Environmental Effects**

Environmental Effects : No information available.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Micronized organic polymer

**Hazardous components**

No ingredients are hazardous according to HCS criteria.

**SECTION 4. FIRST AID MEASURES****First aid procedures**

- Inhalation : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water.
- Eye contact : Immediately flush with plenty of water for at least 20 minutes. Get medical aid.
- Ingestion : Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person.

**Notes to physician**

Risks : No information available.

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**SECTION 5. FIRE-FIGHTING MEASURES****Flammable properties**

- Flash point : 200 °C (392 °F)  
Method: 49 (Pensky-Martens)
- Suitable extinguishing media : Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : No information available.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.  
Will not explode on mechanical impact.
- Hazardous decomposition products due to incomplete combustion : Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)
- Further information : Keep away from heat and sources of ignition.  
Keep away from oxidizing agents.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Wear protective equipment: safety glasses, gloves and dust mask or appropriate respirator.
- Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
- Methods for containment : Stop leak. Dike and contain spill.
- Methods for cleaning up : Wet sweep or vacuum spill.  
Use approved industrial vacuum cleaner for removal.
- Additional advice : No further information is available.

**SECTION 7. HANDLING AND STORAGE****Handling**

- Handling : Avoid contact with skin and eyes.  
Handle as an industrial chemical.  
Keep container tightly closed.  
Keep away from oxidizing agents.  
Avoid creating dust.

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Dust explosion class : St2

**Storage**

Further information on storage conditions : Keep away from heat.

Advice on common storage : Keep in a dry, cool and well-ventilated place.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Contains no substances with occupational exposure limit values.

**Engineering measures**

Engineering measures : Use with local exhaust ventilation.

**Personal protective equipment**Eye protection : Safety Glasses  
Goggles

Hand protection : Neoprene gloves

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : If large quantities of dust are generated, wear a properly fitted (NIOSH) dust respirator/mask during exposure.

Hygiene measures : Clean long legged, long sleeved work clothes.  
Handle in accordance with good industrial hygiene and safety practice.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Form : micropowder  
Colour : white  
Odor Threshold : no data available  
Flash point : 200 °C (392 °F)  
Method: 49 (Pensky-Martens)Ignition temperature : no data available  
Lower explosion limit : no data available  
Upper explosion limit : no data available  
pH : no data available  
Freezing point : no data available

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Boiling point : no data available  
Vapour pressure : no data available  
Evaporation rate : no data available  
Density : 1.47 g/cm<sup>3</sup>  
at 20 °C (68 °F) (1,013 hPa)

Water solubility : immiscible

Partition coefficient: n-  
octanol/water : no data available  
Relative vapour density : no data available

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : None known.  
Materials to avoid : Strong oxidizing agents  
Dust can form an explosive mixture in air.  
Hazardous decomposition products : None expected  
Chemical stability : Stable; polymerization will not occur  
Further information : Excessive dusting may cause potentially explosive air/dust mix.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity (Product) : no data available  
Skin irritation (Product) : no data available  
Eye irritation (Product) : no data available  
Sensitisation (Product) : no data available  
Further information (Product) : no data available

**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information (Product) : no data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Further information : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

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**SECTION 14. TRANSPORT INFORMATION**

Container sizes: 55 gallon drums, 5 or 6-gallon pails, 2oz/16oz samples)

**DOT** Not dangerous goods**IATA** Not dangerous goods**IMDG\_US** Not dangerous goods**SECTION 15. REGULATORY INFORMATION****HMIS Classification** : Health hazard: 1  
Flammability: 1  
Reactivity: 0  
PPI:B**National Fire Protection Association (NFPA) Class** : IIIB**Emergency Planning Community Right-To-Know (EPCRA)****SARA 302 Components** : Not applicable

If listed below, this product contains toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

**SARA 311/312 Hazards** : No SARA Hazards**Toxic Substances Control Act (TSCA)****TSCA Status** : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements (exempt)

Section 4 / 12(b) : Not applicable

**Clean Air Act & Related Information****Non-volatile (Wt)** :  
Method: Not available**VOC** : 1 g/l

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**Ozone Depleting Substances** : Not applicable.

Non-volatile information is not a specification.

**Hazardous Air Pollutants**

If not listed above, this product does not contain HAPs at 1% or 0.1% or greater. Refer to Section 3 for HAP weight percentage.

**Resource Conservation and Recovery Act**

**EPA Hazardous Waste Code(s)** : Not applicable.

**State Laws**

**Massachusetts Right To Know Components** : No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components** : No components are subject to the Pennsylvania Right to Know Act

**New Jersey Right To Know Components** : Water 7732-18-5

**New Jersey Trade Secret Registry Number for the product (NJ TSRN)** : 800963-5988

**California Prop. 65 Components** : WARNING! This product contains a chemical known to the State of California to cause cancer.

Formaldehyde 50-00-0

CONEG Heavy Metal: We certify that this product does not contain Lead, Mercury, Cadmium or hexavalent chromium in the sum concentration of 100 ppm by weight or greater.

**Canadian Environmental Protection Act**

Domestic Substances List  
**DSL Status** : We certify that all of the components of this product are listed on the DSL.

**WHMIS Classification** : Not controlled

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**SECTION 16. OTHER INFORMATION**

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.