## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>BYK-LP X 5795</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use Description</td>
<td>Additive for paints and plastics</td>
</tr>
<tr>
<td>Company</td>
<td>BYK USA Inc.</td>
</tr>
<tr>
<td></td>
<td>524 South Cherry Street</td>
</tr>
<tr>
<td></td>
<td>Wallingford CT 06492</td>
</tr>
<tr>
<td>Prepared by</td>
<td>J. Nole, Safety; M. McCutcheon, Regulatory</td>
</tr>
<tr>
<td>Telephone</td>
<td>(203) 265-2086</td>
</tr>
<tr>
<td>Visit our web site</td>
<td><a href="http://www.byk.com">www.byk.com</a></td>
</tr>
<tr>
<td>E-mail address</td>
<td><a href="mailto:ehs.byk.usa@altana.com">ehs.byk.usa@altana.com</a></td>
</tr>
<tr>
<td>Emergency telephone</td>
<td>CHEMTREC 800-424-9300</td>
</tr>
</tbody>
</table>

## SECTION 2. HAZARDS IDENTIFICATION

### Emergency Overview

<table>
<thead>
<tr>
<th>Form</th>
<th>paste</th>
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</thead>
<tbody>
<tr>
<td>Colour</td>
<td>light yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>not significant</td>
</tr>
</tbody>
</table>

### OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Potential Health Effects

- **Eyes**: Contact may cause irritation.
- **Skin**: Contact may cause irritation.
- **Ingestion**: Ingestion may irritate the digestive tract.
- **Inhalation**: None expected.
- **Chronic Exposure**: No known chronic health effects.

### Aggravated Medical Condition

- **Primary Routes of Entry**: Skin contact, Skin absorption, Inhalation, Eyes, Ingestion

### Carcinogenicity:
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**

Hydroxy functional polyester modified dimethylpolysiloxane

**Hazardous components**

The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester modified dimethylpolysiloxane</td>
<td>-</td>
<td>60.00 - 100.00</td>
</tr>
</tbody>
</table>

**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; aspiration hazard. Dilute with 1-2 glasses of water. Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.
Notes to physician

Risks : No information available.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : > 65 °C (> 149.00 °F)
Method: 49 (Pensky-Martens)

Ignition temperature : > 200 °C (> 392 °F)
Method: calculated

Suitable extinguishing media : Foam
Carbon dioxide (CO2)
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
Silicone compounds
Formaldehyde

Further information : Keep away from heat and sources of ignition.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Eliminate all sources of ignition. Ventilate area if indoors. Wear self-contained breathing apparatus and full protective clothing.

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 : Pump into salvage tanks and/or absorb with suitable material. Use sparkless shovels to remove material.

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.

Storage
Advice on common storage : Keep product and empty container away from heat and
                          sources of ignition.
                          Take precautionary measures against static discharges.

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 : Not necessary.
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 : paste
Colour : light yellow
Odour : not significant
Odor Threshold : no data available
Flash point : > 65 °C (> 149.00 °F)
### SECTION 10. STABILITY AND REACTIVITY

**Conditions to avoid**: None known.

**Materials to avoid**: Strong oxidizing agents

**Hazardous decomposition products**

**Chemical stability**: Stable; polymerization will not occur

### SECTION 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity (Product)**: LD50 rat
- Dose: > 10,000,000,000 mg/kg
- Method: OECD Test Guideline 401

**Skin irritation (Product)**: rabbit
- Result: No skin irritation
- Method: OECD Test Guideline 404
Eye irritation (Product) : rabbit
Result: Mild eye irritation
Method: OECD Test Guideline 405

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information (Product) : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

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

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: 2
Reactivity: 0
PPi:B

National Fire Protection Association (NFPA) Class : IIIA

Emergency Planning Community Right-To-Know (EPCRA)

SARA 302 Components : Not applicable

SARA 311/312 Hazards : Fire Hazard
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) : 96 - 100 %
Method: 22 (10min/150°C)
DIN EN ISO 3251

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 : Polyester modified dimethylpolysiloxane

New Jersey Right To Know Components : Polyester modified dimethylpolysiloxane

New Jersey Trade Secret Registry Number for the product (NJ TSRN) : 800963-5404

California Prop. 65 Components : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.
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**: B3

**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.