SAFETY DATA SHEET

Product Name: Fusion Plus, WB Epoxy Primer Base
Product Code: 260

SECTION 1: IDENTIFICATION
Product Name: Fusion Plus, WB Epoxy Primer Base
Product Code #: 260
Identified Uses: Protective Coating
Manufacturer: Kelley Technical Coatings
1445 South 15th Street
P.O. Box 3726
Louisville, Kentucky 40201-3726
Emergency Contact Number: Day: 502-636-2561 Night: 800-424-9300
Information Telephone Number: 502-636-2561

SECTION 2: HAZARDS IDENTIFICATION
GHS Classification
GHS Label Elements
Hazard Symbols
Signal Word: Warning
Hazard Statements
H312 Harmful in contact with skin
H319 Causes serious eye irritation
H332 Harmful if inhaled
Precautionary statements
Prevention
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapor/spray.
P264 Wash hands and/or face thoroughly after handling.
P271 Use only outdoors or in well-ventilated area.
Response
P312 Call a poison center or doctor if you feel unwell.
P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage/Disposal
P501 Dispose of contents/container in accordance with federal, state, provincial, and local regulations.
Other Hazards
OSHA Regulatory Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)
Contains: Crystalline Silica which has been determined to be carcinogenic to humans by IARC (1) when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to spray mist or dust from sanding the dried paint.

SECTION 3: COMPOSITION INFORMATION
**SAFE DATA SHEET**

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**Date issued:** 5/27/2015

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### SECTION 4: FIRST AID MEASURES

**General Advice:** Show this safety data sheet to the doctor in attendance

**Eyes:** Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention.

**Skin:** Wash affected area thoroughly with soap and water. If skin irritation persists, get immediate medical attention.

**Inhalation:** Move to fresh air. Restore breathing. If breathing is difficult, get immediate medical attention.

**Ingestion:** Do not induce vomiting – seek immediate medical attention.

**Notes to Physician:** Treat symptomatically

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### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards arising from the Chemical:** Closed containers may rupture if exposed to fire or extreme heat.

**Special protective Equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protective equipment. Remove all sources of ignition.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Methods for Clean-up:** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**Other Information:** None known

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### SECTION 7: HANDLING & STORAGE

**Handling:** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

**Storage:** Keep container tightly closed. Keep out of the reach of children.

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### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**HMIS is a Health, Flammability and Reactivity rating:** 2*11

**HMIS CODE:** 4 – SEVERE HAZARD, 3 – SERIOUS HAZARD, 2 – MODERATE HAZARD, 1 – SLIGHT HAZARD, 0 – MINIMAL HAZARD, * – Chronic Hazard

**Note:** The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual conditions of use.

**Exposure Limits**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>titanium dioxide</td>
<td>15 mg/m³</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>alkyl phenol polyether</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>magnesium silicate</td>
<td>20 mppcf</td>
<td>2 mg/m³ (R)</td>
</tr>
<tr>
<td>ethylene glycol propyl ether</td>
<td>250 mppcf%SiO2+5</td>
<td>.025 mg/m³ (R)</td>
</tr>
<tr>
<td>cristobalite</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

**NE = None established  NA = Not available  (C) = Ceiling limit  (I) = Inhalable fraction  (IFV) = Inhalable fraction and vapor  STEL = Short term exposure limit  (R) = Respirable fraction**
Product Name: Fusion Plus, WB Epoxy Primer Base
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Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment
Eyes/Face: Safety goggles or full face shield
Skin: Protective gloves and impervious clothing.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Practices: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
Appearance: liquid
Odor: Little or no odor
Odor threshold: Not determined
VOC lb/gal: 0.45
VOC (lb/gal) less exempt: 0.80
VOC (lb/gal) less exempt: 95.79
Relative Density (LB/GAL): 12.83
Specific Gravity (g/L): 1.54
Flash Point (F): Greater than 201
Flammability: Not applicable
Auto-ignition temperature: Not applicable
Evaporation rate: Not applicable
Vapor Pressure (mmHg): Not available
Initial Boiling Point (F): 212
Freezing Point (F): 32
pH: Not available
Solubility (ies): Not determined
Partition coefficient: n-octanol/water Not determined

SECTION 10: STABILITY AND REACTIVITY
Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Prevent from freezing
Materials to Avoid: No materials to be especially mentioned.
Hazardous Decomposition Products: None under normal use.
Possibility of Hazardous Reactions: None under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION
Acute Toxicity
Component | LD50 Oral mg/kg (Rat) | LD50 Dermal mg/kg (Rabbit) | LC50 Inhalation mg/L (Rat, 4 hr.)
titanium dioxide | 10,000 | 10,000 | 6.82
alkyl phenol polyether | >2,000 | >2,000 | NA
magnesium silicate | NA | NA | NA
ethylene glycol propyl ether | NA | NA | NA
cristobalite | NA | NA | NA

Chronic Toxicity
The information below indicates whether each agency has listed any ingredient as a carcinogen:
Component | IARC | NTP | OSHA
titanium dioxide | 2B – Possible Human Carcinogen | Not listed | Listed
cristobalite | 1 – Human carcinogen | Known Human Carcinogen | Listed

Per IARC Summary of Data Reported, Subsection 5.1: No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints.
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SECTION 12: ECOLOGICAL INFORMATION
No ecological information available

SECTION 13: DISPOSAL CONSIDERATION
Waste Disposal Method: Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

SECTION 14: TRANSPORT INFORMATION
REGULATION DESCRIPTION
DOT
  Proper Shipping Name
  Hazard Class
  UN-No
  Packing Group
  Not regulated

ICAO / IATA
IMDG/IMO
  Not regulated
  Not regulated

SECTION 15: REGULATORY INFORMATION
US TSCA: Yes – All components are listed or exempt

Federal Regulations
SARA 311/312 hazardous categorization
  Acute Health Hazard YES
  Chronic Health Hazard YES
  Fire Hazard NO
  Sudden Release of Pressure NO
  Hazard NO
  Reactive Hazard NO

SARA 313
Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Designation Cas No. Weight %
ethylene glycol propyl ether 2807-30-9 < 5%

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

Chemical Designation Cas No. Weight %
ethylene glycol propyl ether 2807-30-9 1 - 5%

Any Target HAP listed in this section is not an OSHA Carcinogen unless listed as such in Section 11 under Chronic Toxicity.

State Regulations
California Proposition 65
This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

SECTION 16: OTHER INFORMATION
Date issued: 5/27/2015 VER 03

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purposes.