SAFETY DATA SHEET

1: Product and Company

Product Name: MASTER BOND EXTRA BLUE BONDIG AGENT
Product Code: VV2666 (Qt) / VV0666 (Gi) / VV2667 (Pl)

Manufacturer:
Master Paints & Chemical Corp.
Carr. 127 Km 12.7 Bo. Magas
Guayanilla, P.R. 00656

Phone Number: (787) 835-4000 / (787) 835-4001
Fax Number: (787) 835-2965
E-Fax: 787-9667180

www.mastergroup-pr.com

EMERGENCY TELEPHONE NUMBER: (800) 535-5083(INFOTRAC)
Supplier Email: zrivera@mastergroup-pr.com

2: Hazard Identification

OSHA Hazard Communication Standard
This product is not a hazardous under the criteria of the Federal OSHA Hazardous Communication Standard 29CFR 1910.1200

Label Elements: Not a dangerous substance or mixture according to the globally Harmonized System (GHS)

Hazards Not Otherwise Classified (HNOC)

Inhalation: May cause respiratory tract irritation.
Skin contact: Causes skin irritation.
Eye Contact: Causes eye irritation.
Ingestion: May cause gastrointestinal irritation

Other Information: No other information is available

3: Composition Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Maximum</th>
<th>Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>Ethylene Vinyl Acetate (EVA)</td>
<td>24937-78-8</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Copolymer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polivynil alcohol</td>
<td>9002-89-5</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Phtalo Blue Pigment</td>
<td>147-14-8</td>
<td>1.00</td>
<td></td>
</tr>
</tbody>
</table>

4: First Aid Measure

Inhalation: If user experience difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered. Obtain medical attention immediately. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable
position and keep warm.

**Eye Contact:** Immediately rinse thoroughly with plenty of water for at least 15 minutes, remove contact lenses if present and easy to do. Continue to flush with water, forcibly holding eyelids apart to ensure complete irrigation of all of the eye and lid tissues. Flushing the eyes with water within several seconds is essential to achieve maximum effectiveness. Seek immediate medical attention.

**Skin Contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash off with soap and plenty of water. Consult a physician. Seek immediate medical attention.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. If vomiting occurs spontaneously, keep airway clear. Keep head low so that stomach content doesn't get into the lungs. Seek immediate medical attention.

**Notes to Physician:** Show this safety data sheet to the doctor in attendance. Probable mucosal damage may contraindicate the use of gastric lavage

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### 5: Fire Fighting Measures

**Flash Point:** None

**LEL:** NA  **UEL:** NA

This is a water-based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low levels of organic volatiles which may be emitted at elevated temperatures.

**Treat for surrounding material**

Non-explosive in presence of shocks

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

**Fire Fighting:** Closed containers may rupture if exposed to fire or extreme heat.

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

Hazardous combustion products: may emit toxic fumes under fire conditions

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### 6: Accidental Release Measures

**Spill/Leak Procedures:** Eliminate all sources of ignition, evacuate all unnecessary personnel

**Small Spills:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal

**Large Spills:** Dike and contain spill. Place in a suitable non-leaking container and tightly seal for disposal. Comply with all applicable health and environmental regulation. Prevent further leakage or spillage if safe to do so.

**Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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### 7: Handling and Storage

**Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace. Wear appropriate PPE

(See section 8).

**Information about protection against explosions and fires:** No special measures required.

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Store between 5 and 35ºC in a dry, well ventilated place away
from sources of heat, ignition and direct sunlight. Do not freeze
Keep closures tight and container upright to prevent leakage. Never use pressure to empty. Drum must not be
washed out or used for other purposes.

8: Exposure Control and Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water / 7732-18-5</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Ethylene Vinyl Acetate (EVA) Copolymer / 24937-78-8</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Polivynil alcohol / 9002-89-5</td>
<td>15 mg/m3 total dust; 5 mg/m3 respirable dust 200 ppm TWA; 260 mg/m3 TWA</td>
<td>10 mg/m3 total dust; 3 mg/m3 respirable dust</td>
<td>Not Established</td>
</tr>
<tr>
<td>Phtalo Blue Pigment 147-14-8</td>
<td>10 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust, listed under Rouge); 5 mg/m3 TWA (respirable fraction, listed under Rouge)</td>
<td>5 mg/m3 TWA (respirable fraction)</td>
<td>NIOSH: 5 mg/m3 TWA (dust and fume, as Fe)</td>
</tr>
</tbody>
</table>

Exposure Controls
Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors.
Ensure adequate ventilation, especially in confined areas. Keep exposures below recommended exposure limits.

Personal protection equipment

Protection of hands:
Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact.

Eye protection:
Wear approved eye protection (properly fitted dust- or splash-proof chemical safety glasses).

Respiratory protection:
Not required under typical use.

Skin and body protection:
Not required under normal use.
Skin should be washed after contact.
Remove and wash contaminated clothing before re – use.

Hygiene measures
Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.

Protective measures:
Ensure that eyes flushing systems and safety shower are located close to the working place.

**Environmental exposure controls**

**General advice:**
The product should not be allowed to enter drains, water courses or the soil.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue Liquid, aqueous dispersion</td>
</tr>
<tr>
<td>Colour</td>
<td>Light Blue</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>5 +/- 1.5</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point &amp; Boiling Range</td>
<td>100ºC (212ºF)</td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
</tr>
<tr>
<td>Evaporation rate (water = 1)</td>
<td>1</td>
</tr>
<tr>
<td>Upper / Lower Flammability or Explosive Limits</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
</tr>
<tr>
<td>Minimum no volatile by weight (%) Minimun</td>
<td>40.00 +/- 0.015</td>
</tr>
<tr>
<td>Relative Density (Specific Gravity)</td>
<td>1.07 +/- .02 @ 25ºC (77 ºF)</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>100%</td>
</tr>
</tbody>
</table>

This product has less than 25 grams/liter of VOC as per 40 CFR part 59.

### 10: Stability and Reactivity

**Chemical stability:** Stable under normal conditions

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Possibility of hazardous reactions:** None known

**Conditions to avoid:** Extremes of temperature and direct sunlight

**Incompatibility materials:** None Known

**Hazardous decomposition products:** No decomposition if stored and applied as directed.

**Hazardous polymerization:** Will not occur.

**No materials to be especially mentioned:** None under normal use. Prevent from freezing

### 11: Toxicological Information

**Mixture Toxicity**

**Component Toxicity**

**Short Term**
Skin Irritation: Causes skin irritation.
Serious Eye Damage/Irritation: Causes eye irritation.
Respiratory Sensitization: Not available
Skin Sensitization: May cause an allergic skin reaction.
Specific Target Organ Toxicity-Single Exposure: (Category 3) May cause respiratory irritation.
Aspiration Hazard: Not available

Long Term
Carcinogenicity: Not available
Germ Cell Mutagenicity: Not available
Reproductive Toxicity: Not available
Specific Target Organ Toxicity- Repeated Exposure: (Category 2) Prolonged or repeated exposure may cause skin irritation.
Synergistic/Antagonistic Effects: Not available.

12: Ecological Information

No further relevant information available.

13: Disposal Considerations

Waste treatment methods
Recommendation:
Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state and federal regulations.

Uncleansed packaging
Recommendation: Disposal must be made in accordance with local, state and federal regulations.
Recommended cleansing agent: Water, if necessary with cleansing agents.

14: Transport Information

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Not regulated</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not regulated</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
15: Regulatory Information

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>All Components Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>TSCA</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**EU Risk Phrases**

**Safety Phrase**
- None

16: Other Information

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and Information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

Reviewer Revision:

Date Prepared: 09/12/2016

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