

**PRODUCT  
DATA SHEET**

**Johnson Manufacturing Co., Inc.**

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Princeton, Iowa 52768  
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Chemical emergency Int'l 813-248-0585

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**PREPARED:** 04/12/2017  
**PRODUCT NAME:** DEOXALUMINITE

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**PHYSICAL DATA**  
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**DESCRIPTION:** Aluminum based organic welding paint primer suitable for use in priming metal prior to welding, and protecting the metal of the weld area from corrosion before and after welding without affecting the welding procedure.

**COVERAGE:** 270 sq. ft. per gallon @ 1 mil DFT. Allow for overspray and surface irregularities when calculating requirements.

**APPEARANCE/ODOR:** Aluminum pigmented liquid, pungent odor

**FLASH POINT:** 80°F, open cup

**VISCOSITY:** 9 -15 seconds @ 80°F (Ford #4 cup)

**VOC RATING:** 5.89

**% SOLIDS BY VOLUME:** 16.8

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**APPLICATION INSTRUCTIONS**  
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**SURFACE PREPARATION:** Must be clean, dry and absent of flake, scale or oil. Wheelabrator shot blasted surface provides an ideal profile for maximum consistency of film. Aluminum oxide applied through a pressure blast system is also adequate although the surface profile is spiked. Air blast or vacuum the surface to remove residual abrasive particles.

**APPLICATION:** Thinning is not recommended. If necessary, use xylene, which raises the VOC. Stir well and apply uniformly for a minimum dry film thickness (DFT) of .75 to 2 mil maximum. Spray wet film thickness (WFT) of 2 to 2.5. Apply between minimum ambient and surface temperatures of 40°F to 100°F. Do not apply if relative humidity is more than 90% or if part surface temperature is within 5°F of the dew point.

**EQUIPMENT:** Extensive testing has shown that the most consistent and economical method of application is with a HVLP (high volume, low pressure) spray system. However, successful application can be made by brushing, dipping or using standard spray equipment such as Binks 18 or equivalent, with fluid tip 66 and air nozzle 66SD or Binks 26 or equivalent with fluid tip 78 and air nozzle 78S.

**DRYING TIME:** At 70°F: To touch - 15 to 30 minutes. Recoat by spray or brush - 30 minutes. Hard cured - 24 hours.

**CLEANUP:** With xylene

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**SAFETY INSTRUCTIONS**  
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**FIRE EXTINGUISHING:** Foam, dry chemical as for any Class B fire

**FIRST AID:** Flush eyes and skin with large quantities of water. Remove victim to fresh air if inhaled and give artificial respiration if necessary. Do not induce vomiting if ingested. See MSDS for further information.

**STORAGE:** Extremely flammable. Store away from sources of heat and ignition. Maximum recommended shelf life is 9 - 12 months from manufacture.