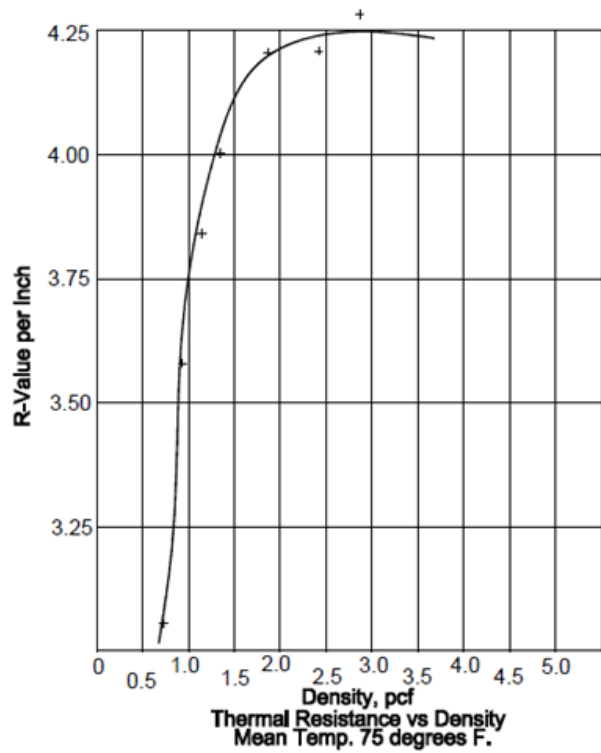
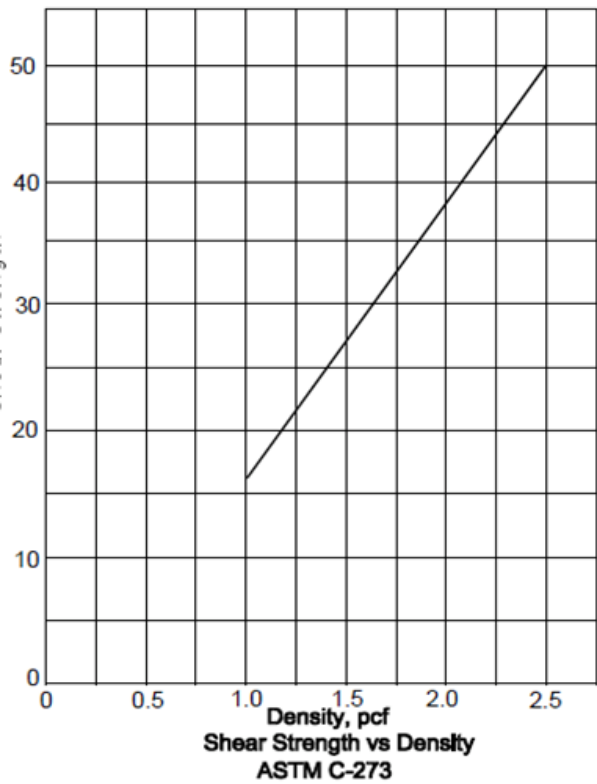
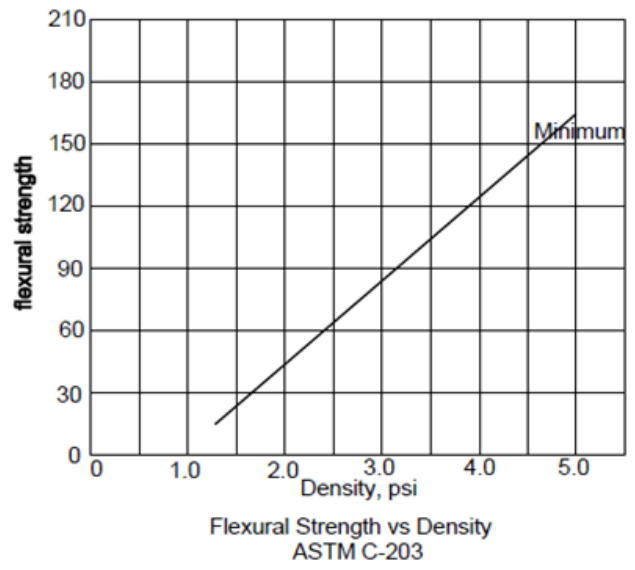
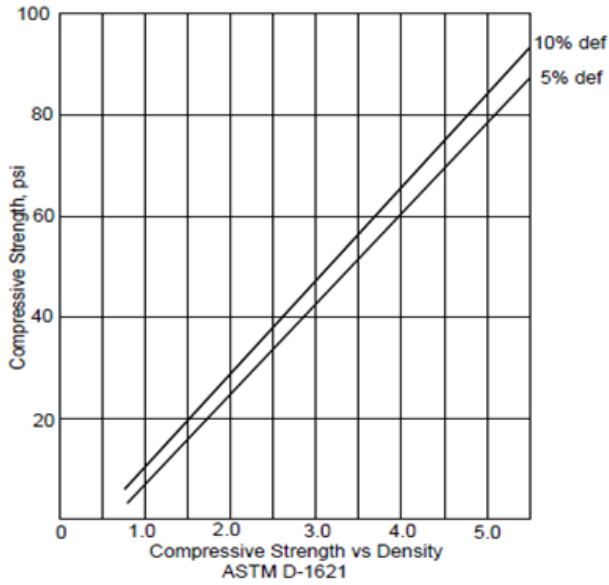


The following graphs illustrate the physical properties of EPS as they relate to changes in density.



The following MSDS sheet pertains to any of the brand names of Disodium Octaborate Tetrahydrate. This is the commonly used termite and insect inhibitor available on many EPS products.

MATERIAL SAFETY DATA SHEET

Page 1 of 4

Material Safety Data Sheet BOARD DEFENSE® (Insecticide, Termiticide and Fungicide)



SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name	BOARD DEFENSE	Manufacturer	InCide Technologies, Inc.
Chemical Formula	$\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$		50 N. 41 st Avenue
Chemical Name/Synonyms	DiSodium Octaborate Tetrahydrate		Phoenix, AZ 85009
Chemical Family	Inorganic Borates	EMERGENCY PHONE NUMBERS	
CAS Registry No.	12280-03-4	CHEMTREC	800-424-9300
TSCA Inventory No.	12008-41-2 (anhydrous form)	INCIDE TECHNOLOGIES	602-233-0756
EPA Pesticide Reg. No.	44757-20	Effective date	January 1, 2005

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS OSHA HAZARDS

This product contains greater than 99 percent (%) Disodium Octaborate Tetrahydrate ($\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$) CAS No. 12280-03-4. Disodium Octaborate Tetrahydrate is hazardous under the OSHA Hazard Communication Standard based on animal chronic toxicity studies of similar inorganic borate chemicals.

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Disodium Octaborate Tetrahydrate is a white, odorless, powdered substance that is not flammable, combustible, or explosive, and it presents no unusual hazard if involved in a fire. Disodium Octaborate Tetrahydrate presents little or no hazard (to humans) and has low acute oral and even lower dermal toxicity. Care should be taken to minimize the amount of Disodium Octaborate Tetrahydrate released to the environment to avoid ecological effects.

POTENTIAL ECOLOGICAL EFFECTS:

Large amounts of Disodium Octaborate Tetrahydrate can be harmful to boron-sensitive plants and other ecological systems.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: Inhalation is the most significant route of exposure in occupational and other settings. Dermal exposure is not usually a concern because Disodium Octaborate Tetrahydrate is not absorbed through intact skin.

Inhalation: Occasional mild irritation of nose and throat may occur from inhalation of Disodium Octaborate Tetrahydrate dust at levels greater than 10 mg/m³.

Eye Contact: Disodium Octaborate Tetrahydrate is non-irritating to eyes in normal industrial use.

Skin Contact: Disodium Octaborate Tetrahydrate does not cause irritation to intact skin.

Ingestion: Products containing Disodium Octaborate Tetrahydrate are not intended for ingestion. Disodium Octaborate Tetrahydrate has a relatively low acute toxicity. Small amounts (e.g. a teaspoonful) swallowed accidentally are not likely to cause effects; swallowing amounts larger than that may cause gastrointestinal symptoms.

Cancer: Disodium Octaborate Tetrahydrate is not considered a carcinogen.

Reproductive: Long-term, high dose animal ingestion studies of similar inorganic borate chemicals have demonstrated

Please refer to E.I.F.S. section of this website for copies of certification letters from specific systems manufacturers.

The UL Certification # for FPM is 22160. This number appears on the edge of every piece of EIFS material and denotes that that specific items was manufactured under the strict EIFS guidelines for EPS manufacturers.