

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTITY: METAL PRIME #18 ~ RUST INHIBITING METAL PRIMER

NAME: HY-TECH THERMAL SOLUTIONS,LLC
ADDRESS: P.O. Box 216
CITY, STATE AND ZIP CODE:
Melbourne,FL 32902

DATE OF PREPARATION: July 2001
INFORMATION TELEPHONE NO.: (321) 956-7728
For Emergency Assistance involving chemicals call
CHEMTREC (800) 424-9300

SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT	CAS. NO.	OSHA PEL OR ACGIH TLV	WEIGHT %
2 BUTOXYETHANOL (GLYCOL ETHER)	111762	25 PPM	0 - 4%
BORIC ACID,BARIUM SALT	13701592	N/est	N/est

NOTE: Products contain no mercury or lead. These products may contain titanium dioxide, bentonite clays or other pigments which are hazardous only as dust when product is sanded.
These products contain ingredients considered to be trade secrets by Hy-Tech Thermal Solutions,LLC
This MSDS does, however disclose all necessary information needed to handle and use the product safely.

SECTION III - Physical/Chemical Characteristics

Boiling Points of Major Constituent: (Water)	212 F	Specific Gravity (H2O=1) WG/GAL	varies w/color
Vapor Pressure (mm Hg) @ 20 C	0.6	Melting Point Water (Ice)	Above 32 F
Vapor Density (AIR=1)			
Heavier	x	Evaporation Rate (Butyl Acetate=1)	Slower
Lighter			
Solubility in Water	Total	Appearance and Odor	Viscous liquid slight ammonia odor
% Volatile Weight 46.22%		VOC MAX LBS/GAL & GRMS/LTR .99/118.66	Specific Gravity: 1.33644

SECTION IV - FIRE AND EXPLOSION HAZARD DATA Non-Flammable

Flash Point: Non-Combustible	OSHA Flammability Class: IIIB	DOT Hazard Class: Not Regulated	Marking: "Keep from Freezing"
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SPECIAL FIREFIGHTING PROCEDURES

Full protective equipment, including self-contained breathing apparatus, to be worn. Water should be used to cool closed containers to prevent explosion due to extreme heat.

SECTION V - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur
STABILITY: Stable

INCOMPATIBILITY: Avoid Contact with: Strong oxidizing agents (e.g., nitric acid, permanganates), etc.
HAZARDOUS DECOMPOSITION PRODUCTS: Some carbon monoxide

SECTION VI - HEALTH HAZARD DATA, TOXICITY DATA:

Route (s) of Entry: N/A Carcinogenicity? SEE NOTE IN PART II (ABOVE)

Health Hazards (Acute and Chronic)

EFFECTS OF OVEREXPOSURE: Inhalation, Vapors or spray mists may be slightly irritating to eye, nose, throat, and mucous membranes of respiratory tract producing symptoms of headache, nausea in poorly ventilated areas. Skin Contact: Prolonged or repeated contact with coating may cause slight skin irritation.

Eye Contact: Direct contact: inconsequential eye irritation.

EMERGENCY AND FIRST AID PROCEDURES: Eye and skin Contact; Immediately flush eye with plenty of water for at least 15 minutes and consult physician; wash skin thoroughly with soap and water; if drenched, remove and wash clothing before reuse.

Ingestion: If victim is conscious, give 2 glasses of water. Call a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Floor may be slippery; use care to avoid falling. Dike and contain material with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning run-offs out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD: The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should then be sealed and properly labeled with waste designation and landfill or incinerated according to current local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Maximum storage temperature 100 degrees Fahrenheit. Keep closure tight and container upright to prevent leakage. Precautionary Labeling: "Keep from Freezing".

OTHER PRECAUTIONS: Do not get in eyes. Avoid skin contact. Prevent prolonged or repeated breathing of vapor or spray mists. Do not handle until the manufacturer's safety precautions and label instructions have been read and understood. Avoid breathing sanding dust.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None required if good ventilation is maintained. Wear respirator (MSHA/NIOSH - approved or equivalent) suitable for concentrations and types of air contaminants encountered. Use approved chemical/mechanical filters designed to remove particulates in open and restricted ventilation areas. Use MSHA/NIOSH - approved airline type respirators or hood in confined areas.

VENTILATION: Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29CFR Part 1910.94.

PROTECTIVE GLOVES: Impervious gloves should be worn if prolonged skin contact is likely. Use

neoprene or rubber gloves to prevent prolonged skin contact.

EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSIZ-87.1 or approved equivalent).

OTHER PROTECTIVE EQUIPMENT: Use disposable or impervious clothing if work clothing contamination is likely. Use protective cream if prolonged skin contact is likely.

HYGIENIC PRACTICES: Wash hands before eating, smoking or using the restroom. Food or beverages should not be consumed anywhere this product is being applied.

SECTION IX - DISCLAIMER

All information, recommendations and suggestions concerning this product are based upon tests and data believed to be reliable. Hy-Tech Industries makes no guarantee, expressed or implied, as to the effect of use, or the safety and toxicity of the product. The information contained in this sheet is not to be construed as absolutely complete.
