

TEMPIL DIV., BIG THREE INDUSTRIES INC. -- TEMPILSTIK 163 TEMPERATURE INDICATOR --  
6685-00-938-0431

=====  
===== Product Identification =====

Product ID:TEMPILSTIK 163 TEMPERATURE INDICATOR

MSDS Date:06/14/1988

FSC:6685

NIIN:00-938-0431

MSDS Number: BJSGZ

=== Responsible Party ===

Company Name:TEMPIL DIV., BIG THREE INDUSTRIES INC.

Address:2901 HAMILTON BLVD.

City:SOUTH PLAINFIELD

State:NJ

ZIP:07080

Count

ry:US

Info Phone Num:201-757-8300

Emergency Phone Num:201-757-8300

CAGE:MO144

=== Contractor Identification ===

Company Name:BIG THREE INDUSTRIES INC, TEMPIL DIV

Address:2901 HAMILTON BLVD

Box:City:SOUTH PLAINFIELD

State:NJ

ZIP:07080-2519

Country:US

Phone:908-757-8300

CAGE:82682

Company Name:TEMPIL DIV., BIG THREE INDUSTRIES INC.

Address:2901 HAMILTON BLVD.

Box:City:SOUTH PLAINFIELD

State:NJ

ZIP:07080

Country:US

Phone:201-757-8300

CAGE:MO144

=====  
===== Composition/Information on Ingredients

=====  
Ingred Name:FUSEABLE ORGANIC OR INORGANIC COMPOUND - (MFR REFERS TO A  
"SUPPLEMENT SHEET". SEE SUPP DATA)

Fraction by Wt: 90-94%

Other REC Limits:NONE SPECIFIED

Ingred Name:CELLULOSE OR SHELLAC BINDER

Fraction by Wt: 5-10%

Other REC Limits:NONE SPECIFIED

=====  
Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY BE IRRIT  
ATION TO BODY TISSUES.

MAY EMIT TOXIC FUMES IF HEATED.

Explanation of Carcinogenicity:MFR STATES THAT TEMPILSTIKS CONTAIN NO  
LEAD, MERCURY OR OTHER CARCINOGEN.

Effects of Overexposure:EYE:IRRITATION. SKIN:IRRITATION.

INHALED:RESPIRATORY IRRITATION, POSSIBLE TOXICITY.

INGESTED:(UNLIKELY EXPOSURE), G/I IRRITATION,POSSIBLE TOXICITY.

Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER  
(SUPPLIER).

=====  
First Aid Measures =====

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP  
& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.  
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.  
INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR  
WATER AND GET IMMEDIATE MEDICAL CARE.(DOCTOR MAY ORDER  
VOMITING.)NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS  
OR IS SEVERE,SEE A DOCTOR.

=====  
Fire Fighting Measures =====

Flash Point:>200F,>93C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

=====  
Accidental Release Measures =====

Spill Release P

cedures:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Neutralizing Agent:NONE

=====  
Handling and Storage  
=====

Handling and Storage Precautions:STORE IN A COOL DRY AREA.

Other Precautions:NONE

=====  
Exposure Controls/Personal Protection  
=====

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 19

10.134

FOR REGULATIONS PER TAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY.

MANUFACTURER REFERS TO A "SUPPLEMENT SHEET",

WHICH WAS NOT RECEIVED BY DGSC-SSH. DGSC-SSH COULD FIND NO RECORDS OF PURCHASES FROM THIS SUPPLIER.

=====  
Physical/Chemical Properties  
=====

HCC:N1

Solubility in Water:VARRIES

Appearance and Odor:CHALK-LIKE 'CRAYON'

Percent Volatiles by Volume:0

=====  
Stability and Reactivity Data  
=====

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:"NOT APPLIACABLE" LIS

TED BY MFR

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OR  
OTHER TOXIC FUMES

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL  
REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS AS TO METHOD OF  
DISPOSAL.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.