

TEM 505

AIR LIQUIDE AMERICA CORPORATION
P. O. BOX 3047
HOUSTON, TX 77253

PAGE 1

MATERIAL SAFETY DATA SHEET 50528

I - GENERAL INFORMATION

PRODUCT NAME TEMPILSTIK 238 F, 244 F, 250 F

EMERGENCY TELEPHONE NO. 800-364-7378

MANUFACTURERS NAME TEMPIL DIVISION, ALAC

TRADE NAME/SYNONYMS TEMPILSTIK 238 F, 244 F, 250 F

CHEMICAL NAME AND SYNONYMS

TEMPERATURE INDICATING PRODUCT

REVISION DATE: 1/1/96

PRODUCT ID. N/A FORMULA N/A

CHEMICAL FAMILY N/A

CAS NUMBER N/A

***** SECTION NOTES *****

TEMPIL GENERAL INFORMATION NUMBER: 908 757-8300

II - HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF LIQUIDS AND GASES 0/0 TLV

***** SECTION NOTES *****

THIS PRODUCT CONTAINS NO TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF CFR 372.
N/A

III - PHYSICAL DATA

BOILING POINT DECOMPOSES

SPECIFIC GRAVITY N/A

VAPOR PRESSURE N/A

PERCENT VOLATILE BY VOLUME (0/0) -0-

DENSITY N/A

EVAPORATION RATE N/A

SOLUBILITY IN WATER SLIGHT

MATERIAL AT NORMAL CONDITION SOLID

EXPANSION RATIO (LIQUID TO GAS) N/A

APPEARANCE AND ODOR

SOLID STICK - NO ODOR

IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT UNKNOWN

FLASH POINT (METHOD USED)

FLAMMABILITY LIMITS IN AIR (0/0 BY VOL) LOWER U

UPPER U

EXTINGUISHING MEDIA

FOAM, WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES

FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARD

NONE KNOWN

MATERIAL SAFETY DATA SHEET
PRODUCT NAME TEMPILSTIK 238 F, 244 F, 250 F

V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE N/A
UNUSUAL CHRONIC TOXICITY N/A
CARCINOGENICITY N/A
ROUTES OF EXPOSURE INHALATION
EFFECTS OF OVEREXPOSURE

SIGNS AND SYMPTOMS OF EXPOSURE: POSSIBLE IRRITATION OF RESPIRATORY TRACT. PROLONGED CONTACT MAY CAUSE SKIN IRRITATION.
• ACUTE HEALTH HAZARDS: INHALATION MAY CAUSE MILD IRRITATION.
• CHRONIC HEALTH HAZARDS: UNKNOWN
• TARGET ORGAN INFORMATION: UNKNOWN

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. IF PAIN OR IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.
• SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.
• INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT SEEK MEDICAL ATTENTION.
• INGESTION: SEEK IMMEDIATE MEDICAL ATTENTION.

VI - REACTIVITY DATA

STABILITY STABLE

CONDITIONS TO AVOID

NON KNOWN

INCOMPATABILITY (MATERIALS TO AVOID)

STRON OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS

THERMAL DECOMPOSITION MAY PRODUCE PHENOL AND CARBON DIOXIDE

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

CONDITIONS TO AVOID

NONE KNOWN

VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SWEEPUP AND HOLD UNUSABLE PRODUCT FOR DISPOSAL.

1 E/M 0-110

MATERIAL SAFETY DATA SHEET
PRODUCT NAME TEMPILSTIK 238 F, 244 F, 250 F

WASTE DISPOSAL METHOD

DISPOSE OF UNUSABLE PRODUCT IN A CHEMICAL LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS CONCERNING HEALTH AND ENVIRONMENT.

VIII - SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

NIOSH APPROVED RESPIRATOR TO REMOVE VAPORS

VENTILATION

SEE NOTES

PROTECTIVE GLOVES

NEOPRENE

EYE PROTECTION

SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT

NOT NORMALLY REQUIRED. WASH HANDS THOROUGHLY AFTER USING PRODUCT

***** SECTION NOTES *****

VENTILATION:

LOCAL EXHAUST - SUFFICIENT TO REMOVE VAPORS
MECHANICAL (GENERAL) - IF USED IN CLOSED AREA

IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN DRY AREA.

D.O.T. LABELING

N/A

VALVE CONNECTION

N/A

OTHER PRECAUTIONS

HMSI RATING:

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION, INVESTIGATION, IN COMPLIANCE WITH HAZARD COMMUNICATION STANDARD 29 CFR 1900.1200. AIR LIQUIDE AMERICA CORP. PROVIDES NO WARRANTIES, EITHER EXPRESS OR IMPLIED.