

MATERIAL SAFETY DATA SHEET

HFA-266
FILMING AMINE

2 HMIS HEALTH
2 HMIS FLAMMABILITY
0 HMIS REACTIVITY
C HMIS PERSONAL PROTECTION

SECTION I - IDENTIFICATION

COMPANY NAME..... B.B. CHEMICALS, INC. 16107 W. UNIVERSITY, ODESSA, TEXAS 79763
PHONE NUMBER..... 432-381-2595
EMERGENCY PHONE NUMBER 800-424-9300
EFFECTIVE DATE..... April 2006
TRADE NAME HFA-266
CHEMICAL FAMILY Amine Corrosion Inhibitor
CAS NUMBER..... Blend
CHEMICAL FORMULA Confidential

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	%	TLV (Units)	PROD. CAS #
Isopropanol	Conf.	OSHA TWA 200ppm	67-63-0
Poly Ethylbenzene Residue	Conf.	N.D.	68987-42-8
Fatty Acid Amide	Conf.	N.D.	68911-35-3
Nonyl Phenol Polyethoxylate	Conf.	None Established	68412-54-4

SECTION III - PHYSICAL DATA

BOILING Point(F)..... ND
FREEZING POINT (F) ND
VAPOR PRESSURE (mm Hg)..... ND
VAPOR DENSITY (Air=1)..... ND
VOLATILITY/VOL(%) N/D
SOLUBILITY IN H2O..... Soluble
APPEARANCE/ODOR Dark Liquid with Solvent Odor
SPECIFIC GRAVITY (H20=1)..... 0.907 - 0.908
DENSITY (G/ML)..... 428# / 55 gallon drum
PH 7.1 - 7.25

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT Between 100°F and 200°F
LOWER FLAME LIMIT..... ND
HIGHER FLAME LIMIT..... ND
EXTINGUISH MEDIA Water fog or spray, foam, and carbon dioxide (CO2).
UNUSUAL FIRE HAZARD Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Material can burn with little or no visible

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flame. Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 200 ppm based on isopropyl alcohol

ROUTES OF ENTRY	INHALATION?	SKIN?	INGESTION?
	Irritant	Irritant	Irritant

HEALTH HAZARDS Acute, inhalation of vapors may be narcotic or anesthetic. Ingestion of liquid will cause gastrointestinal distress, irritation, nausea, vomiting, serious illness, and possibly death.

CARCINOGENICITY	NTP?	IARC MONOGRAPHS?	OSHA REGULATED
No	No	No	No

OVER EXPOSURE EFFECTS Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact. Signs of Inhalation Overexposure: Irritation of respiratory tract, nervous system depression, headaches, dizziness, staggering gait, confusion, and unconsciousness.

FIRST AID PROCEDURES..... If Swallowed, Induce Vomiting Immediately By Giving Two Glasses Of Water And Sticking Finger Down Throat. Never Give Anything By Mouth To An Unconscious Person. Inhalation: Remove victim to fresh air and if needed immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help and contact a physician immediately. --Note To Physician--This material contains a component which requires an alcohol solvent to remove from the skin and eyes.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable

CONDITIONS TO AVOID None

INCOMPATIBLE MATERIALS Oxidizers or Oxidizing - Materials. Heat and open flame.

DECOMPOSITION PRODUCTS FROM FIRE: SMOKE, CARBON DIOXIDE, CARBON MONOXIDE, AND OXIDES OF NITROGEN

HAZARDOUS POLYMERIZATION Will not occur

POLYMERIZATION AVOID None

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

WASTE DISPOSAL METHOD..... Hazardous Waste. Follow Federal and State Regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION NIOSH approved organic vapor mask recommended

VENTILATION Desired in closed places

MECHANICAL EXHAUST Recommended in closed areas

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LOCAL EXHAUST..... Desired in closed places
PROTECTIVE GLOVES Type impervious to aromatic solvents.
EYE PROTECTION..... Chemical goggles or full face shield recommended.
OTHER PROTECTIVE EQUIPMENT..... Safety shower or water source.

SECTION IX - SPECIAL HANDLING AND DOT

HANDLING AND STORAGE..... Store in a cool place away from ignition sources.
PRECAUTIONARY MEASURES..... Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapors
and avoid prolonged or repeated contact with skin.
HAZARD CLASS..... Flammable Liquid
DOT SHIPPING NAME Flammable Liquid, n.o.s., 3, UN1993, PGII (contains isopropanol)
REPORTABLE QUANTITY (RQ)..... 5000# or 600 gallons
UN NUMBER 1993
NA # UN1993
PACKAGING SIZE..... Bulk and Drums

FOOT NOTES

N/A=NOT APPLICABLE - N/D=NO DATA
AVAILABLE <=LESS THAN - >=GREATER
THAN

PREPARED BY B.B. CHEMICALS, INC. (432) 381-2595
REVISED DATE..... April 2006

This product health and safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein is based on data available to us, and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of safe use. Such conditions must comply with all governmental regulations. All material in this product are produced in compliance with public law 94-469. (Also known as the "Toxic Substance Control Act" of 1976). **MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS. ALL MATERIALS IN THIS PRODUCT ARE PRODUCED IN COMPLIANCE WITH PUBLIC LAW 94-469. (ALSO KNOWN AS THE "TOXIC SUBSTANCE CONTROL ACT" OF 1976).**

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SIGNAL WORD..... WARNING!

STATEMENT OF HAZARD FLAMMABLE LIQUID

DOT LABEL REQUIRED Flammable Liquid, n.o.s., 3, UN1993, PGII (contains isopropanol)

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ENVIRONMENTAL DATA SHEET

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SPECIAL NOTICE: In accordance with 40 CFR 372.45, this product contains the following materials which have been classified as TOXIC under SARA Title III, Section 313. This page is a part of the Material Safety Data Sheet describing the above named product and shall not be detached. Any reproduction or distribution of this Material Safety Data Sheet after January 1, 1989 must include this page.

SECTION XI - SARA TITLE III, SECTION 313

TOXIC CHEMICALS	%	PROD. CAS #
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SECTION X - ENVIRONMENTAL DATA

EPA HAZARD FIRE
CERCLA RQ VALUE 5000# or 600 gallons
SARA TPQ 5000# or 600 gallons
SARA RQ 5000# or 600 gallons
RCRA HAZARDOUS WASTE..... D001 - Characteristic or Ignitability
CLEAN AIR NA
CLEAN WATER..... CWA SECTION 311