

**MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS**

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ICORP-IFOAM SPECIALTY PRODUCTS CORPORATION
ADDRESS: 250 POWER COURT
 SANFORD, FLORIDA 32771
EMERGENCY TELEPHONE: (407) 328-8500
MANUFACTURER'S CODE: IP-SNS- & IP-WPD-
PRODUCT CLASS: MICRO-ENCAPSULATED VINYLIZED EPOXY COATING
TRADE NAME: SNIFF'n'STOP

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>	<u>VAPOR PRESSURE</u>	<u>WEIGHT %</u>
Bisphenol A Diglycidyl Ether Resin	25068-38-6	Not Established	Not Established	1 @ 180F	<30
Ethene, chloro-, homopolymer	9002-86-2	Not Established	Not Established	Not Applicable	<10
Isophorone	78-59-1	4ppm, OSHA	5ppm, ACGIH	0.119mm Hg @ 20C	<30
Polyamide Resin	68410-23-1	Not Established	Not Established	Not Determined	>90

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

	<u>PART A</u>	<u>PART B</u>
BOILING RANGE:	>392 DEGREES F	Not Determined
VAPOR DENSITY:	4.77 (Air = 1)	Not Determined
EVAPORATION RATE:	.02 (Butyl Acetate = 1)	Not Determined
WEIGHT:	8.5 pounds per gallon	8 pounds per gallon
APPEARANCE AND ODOR:	Opaque, cream colored, gel with pungent odor	Viscous brown, tan, or off white liquid with ammoniacal odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

	<u>PART A</u>	<u>PART B</u>
FLASH POINT:	220 DEGREES F CLEVELAND OPEN CUP (ASTM D 92)	>365 DEGREES F CLEVELAND OPEN CUP (ASTM D 92)
DOT CATEGORY:	Not Regulated	Not Regulated

SECTION IV - FIRE AND EXPLOSION HAZARD DATA (Continued)

EXTINGUISHING MEDIA:

APPLY ALCOHOL-TYPE OR ALL-PURPOSE-TYPE FOAM. FOLLOW MANUFACTURERS' RECOMMENDED TECHNIQUES FOR LARGE FIRES. USE WATER SPRAY, CARBON DIOXIDE, OR DRIED CHEMICAL MEDIA FOR SMALL FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD-UP OF STEAM PRESSURE WHEN EXPOSED TO EXTREME HEAT.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED RESPIRATORY EQUIPMENT. REMOVE ANY SOURCES OF IGNITION. WATER MAY BE USED TO COOL UNRUPTURED CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE.

SECTION V - HEALTH HAZARD DATA

EXPOSURE LIMITS: SEE SECTION II

EFFECTS OF ACUTE EXPOSURE:

SWALLOWING: MODERATELY TOXIC. MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING, AND DIARRHEA.

SKIN ABSORPTION: PROLONGED OR WIDESPREAD CONTACT MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS OF MATERIAL.

INHALATION: MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT EXPERIENCED AS NASAL DISCOMFORT AND DISCHARGE, WITH CHEST PAIN, COUGHING, HEADACHE, NAUSEA, VOMITING, DROWSINESS, DISTURBED VISION AND UNCONSCIOUSNESS. HIGH CONCENTRATION OF VAPOR MAY CAUSE NAUSEA, VOMITING, HEADACHE, AND DIZZINESS AND LOCAL REDNESS. PROLONGED CONTACT CAUSES MILD TO MODERATE LOCAL REDNESS AND SWELLING.

EYE CONTACT: CAUSES SEVERE IRRITATION, EXPERIENCED AS DISCOMFORT OR PAIN, EXCESS BLINKING AND TEAR PRODUCTION, MARKED EXCESS REDNESS AND SWELLING OF THE CONJUNCTIVA, AND CHEMICAL BURNS OF THE EYE.

EFFECTS OF REPEATED EXPOSURE:

NO ADVERSE EFFECTS ANTICIPATED FROM AVAILABLE INFORMATION.

OTHER HEALTH HAZARDS:

NONE CURRENTLY KNOWN.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

SKIN CONTACT MAY AGGRAVATE ANY EXISTING DERMATITIS.

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING: IF PATIENT IS FULLY CONSCIOUS, GIVE TWO GLASSES OF WATER. INDUCE VOMITING. OBTAIN MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING, WASH SKIN WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS. WASH CLOTHING BEFORE REUSE.

INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IF SYMPTOMS PERSIST.

EYES: IMMEDIATELY FLUSH EYES WITH WATER AND CONTINUE WASHING FOR AT LEAST 15 MINUTES. DO NOT REMOVE CONTACT LENSES, IF WORN. OBTAIN MEDICAL ATTENTION WITHOUT DELAY, PREFERABLY FROM AN OPHTHALMOLOGIST.

NOTES TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF EXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE UNDER NORMAL CONDITIONS

HAZARDOUS DECOMPOSITION PRODUCTS: DECOMPOSITION MAY PRODUCE SMOKE, CARBON DIOXIDE, AND/OR CARBON MONOXIDE, AND POSSIBLY OTHER TOXIC VAPORS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLOORS MAY BE SLIPPERY; CARE SHOULD BE TAKEN TO AVOID FALLS. RETURN SPILLED MATERIAL OR ANY WASTE MATERIAL GENERATED IN CLEAN UP TO APPROPRIATE CONTAINER FOR DISPOSAL. KEEP OUT OF SEWERS, STORM DRAINS, AND SURFACE WATER. WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: IF THIS PRODUCT IS APPLIED BY BRUSH OR ROLLER-COAT IN A PROPERLY VENTILATED AREA, RESPIRATORY PROTECTION MAY NOT BE NECESSARY. IF EYE WATERING, HEADACHES OR DIZZINESS ARE

SECTION VIII - SPECIAL PROTECTION INFORMATION (Continued)

EXPERIENCED, WEAR RESPIRATORY PROTECTION (NIOSH/MSHA TC23C RESPIRATORY OR EQUIVALENT), OR LEAVE AREA.

- VENTILATION:** PROVIDE ADEQUATE VENTILATION TO KEEP TLV OF MOST HAZARDOUS INGREDIENT IN SECTION II BELOW ACCEPTABLE LEVEL, AND TO KEEP LEVEL IN SECTION IV BELOW STATED LIMIT.
- PROTECTIVE GLOVES:** RUBBER GLOVES ARE REQUIRED FOR PROLONGED OR REPEATED CONTACT OF LIQUID.
- EYE PROTECTION:** IN SPLASH SITUATION, SUCH AS TRANSFER OF LIQUIDS, THE USE OF SAFETY EYE WEAR INCLUDING SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES OR FACE SHIELD IS RECOMMENDED.
- OTHER PROTECTIVE EQUIPMENT:** WEAR APPROPRIATE PROTECTIVE OUTERWEAR TO PROTECT AGAINST CLOTHING CONTAMINATION AND PROLONGED SKIN CONTACT. WHEN NECESSARY, WEAR CHEMICAL AND/OR SOLVENT RESISTANT BOOTS TO PROTECT FEET AND SHOES FROM CONTAMINATION. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES. WASH HANDS BEFORE EATING OR USING THE WASHROOM.

SECTION IX - SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED AND STORE UPRIGHT TO PREVENT LEAKAGE. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NAPA CLASS III B COMBUSTIBLE LIQUIDS.
- OTHER PRECAUTIONS:** CAUTION - KEEP AWAY FROM EXCESSIVE HEAT OR OPEN FLAME. OVEREXPOSURE TO VAPORS AND MISTS MAY BE HARMFUL AND MAY CAUSE IRRITATION TO EYES, NOSE, THROAT, SKIN AND RESPIRATORY TRACT. PROLONGED OR REPEATED CONTACT OF LIQUID OR OVEREXPOSURE TO VAPORS OR MISTS MAY CAUSE DELAYED OR SERIOUS INJURY. USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING OF VAPORS. AVOID CONTACT WITH EYES AND SKIN. DO NOT TAKE INTERNALLY. DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING WITHOUT A NIOSH/MSHA APPROVED RESPIRATOR OR SUFFICIENT VENTILATION. NOTE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL.

SECTION X - REGULATORY INFORMATION

FEDERAL EPA

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 304 – CERCLA: Not listed.

SARA Title III: Section 311/312 HAZARD CATAGORIES: Acute

SARA Title III: Section 313 TOXIC CHEMICALS: None

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: None

CERCLA HAZARDOUS SUBSTANCES:

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTES ARE:

<u>CHEMICAL</u>	<u>CAS-NUMBER</u>	<u>UPPER BOUND CONCENTRATION %</u>
Isophorone	78-59-1	97+

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III REQUIRES EMERGENCY PLANNING BASED ON THRESHOLD PLANNING QUANTITIES (TPQ'S) AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQ'S) IN 40 CFR 355 (USED FOR SARA 302, 304, 311 AND 312).

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTES ARE:

*** None***

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III REQUIRES SUBMISSION OF ANNUAL REPORTS OF RELEASE OF TOXIC CHEMICALS THAT APPEAR IN 40 CFR 372 (FOR SARA 313). THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

*** None ***

TOXIC SUBSTANCES CONTROL ACT (TCSA)

STATUS: This product and/or all of its components are included in the TSCA INVENTORY.

STATE RIGHT-TO-KNOW

CALIFORNIA

PROPOSITION 65: This product does not contain materials which the State of California has found to cause cancer, birth defects, or other reproductive harm.

MASSACHUSETTS RIGHT-TO-KNOW, SUBSTANCE LIST (MSL) HAZARDOUS SUBSTANCES AND EXTRAORDINARILY HAZARDOUS SUBSTANCES ON THE MSL MUST BE IDENTIFIED WHEN PRESENT IN PRODUCTS.

**COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH
COULD REQUIRE REPORTING UNDER THE STATUTE ARE:**

HAZARDOUS SUBSTANCES (greater than 1%)

<u>CHEMICAL</u>	<u>CAS NUMBER</u>	<u>UPPER BOUND CONCENTRATION %</u>
Isophorone	78-59-1	97+

NEW JERSEY RIGHT-TO-KNOW, SUBSTANCE LIST (MSL) HAZARDOUS SUBSTANCES AND EXTRAORDINARILY HAZARDOUS SUBSTANCES ON THE MSL MUST BE IDENTIFIED WHEN PRESENT IN PRODUCTS.

**COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH
COULD REQUIRE REPORTING UNDER THE STATUTE ARE:**

HAZARDOUS SUBSTANCES (greater than 1%)

<u>CHEMICAL</u>	<u>CAS NUMBER</u>
Bisphenol A Epoxy Resin	25068-38-6

PENNSYLVANIA RIGHT-TO-KNOW, HAZARDOUS SUBSTANCE LIST HAZARDOUS SUBSTANCES AND SPECIAL HAZARDOUS SUBSTANCES ON THE LIST MUST BE IDENTIFIED WHEN PRESENT IN PRODUCTS.

**COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH
COULD REQUIRE REPORTING UNDER THE STATUTE ARE:**

HAZARDOUS SUBSTANCES (greater than 1%)

<u>CHEMICAL</u>	<u>CAS NUMBER</u>	<u>UPPER BOUND CONCENTRATION %</u>
Isophorone	78-59-1	97+
Bisphenol A Epoxy Resin	25068-38-6	Not on Pennsylvania Hazardous Substance List.

All information, recommendation, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by ICORP-IFOAM Specialty Products Corporation, Sniff'n'Stop, Inc., ISTOP Technologies Corporation, or their Distributors, Sales Representatives, or subsidiaries, as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does ICORP-IFOAM Specialty Products Corporation, Sniff'n'Stop, Inc., or ISTOP Technologies Corporation assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.