

# THE SANSIN CORPORATION

## MATERIAL SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER   <b>Purity Floor Formula</b>			PRODUCT IDENTIFICATION NUMBER (PIN) N/AP	
PRODUCT USE   Clear Coating for wood.				
MANUFACTURER'S NAME THE SANSIN CORPORATION.			SUPPLIERS NAME	
STREET ADDRESS 111 MacNAB Avenue			STREET ADDRESS	
CITY STRATHROY	PROVINCE ON	CITY	PROVINCE	
POSTAL CODE N7G 4J6	EMERGENCY TELEPHONE.NO: 613-996-6666	POSTAL CODE	EMERGENCY TELEPHONE #: US/NORTH AMERICA: 800-424-9300 OUTSIDE THE US: 703-527-3887	

### SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
N,N-DIETHYLETHANAMINE	1.0 – 2.0	121-44-8	ORAL RAT LD50 460 MG/KG	>1000 PPM/4 HRS INHALATION LC50 RAT
1-METHYL-2-PYRROLIDINONE N-METHYL-2-PYRROLIDINONE	4.0 – 6.5	872-50-4	ORAL RAT LD50 3914 MG/KG	N/A

### SECTION 3: PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOUR AND APPEARANCE AMINE ODOUR, HAZY PALE YELLOW LIQUID			ODOUR ; TRESHOLD PPM N/AV
VAPOUR PRESSURE (MM HG) N/AV	VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	BOILING POINT	FREEZING POINT 0°C
PH 8.0 – 9.0	SPECIFIC GRAVITY 1.054– 1.06	COEFF. WATER/OIL DIST. N/AV 100% SOLUBLE IN WATER		VOC = 198 G/L

### SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY YES ( NO v IF YES, UNDER WHICH CONDITIONS			
MEANS OF EXTINCTION: N/AP			
FLASHPOINT (°C) AND METHOD NONE	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/AP	LOWER FLAMMABLE LIMIT (% BY VOLUME ) :N/AP	
AUTOIGNITION TEMPERATURE (°C) NONE	HAZARDOUS COMBUSTION PRODUCTS NONE		
EXPLOSION DATA	SENSITIVITY TO IMPACT NONE	SENTIVITY TO STATIC DISCHARGE NONE	

### SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY YES v NO □ IF NO, UNDER WHICH CONDITIONS
INCOMPATIBILITY WITH OTHER SUBSTANCES : There are no known materials which are incompatible with this product. YES □ NO □ IF SO WHICH ONES:
REACTIVITY, AND UNDER WHAT CONDITIONS: None known. Stable.
HAZARDOUS DECOMPOSITION PRODUCTS: May produce carbon monoxide, carbon dioxide or toxic vapors.

PRODUCT IDENTIFIER :

## SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/>			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: MAY CAUSE IRRITATION TO EYES AND SKIN.			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: MAY CAUSE MODERATE IRRITATION & DERMATITIS.			
EXPOSURE LIMITS  N/AV	IRRITANCY OF PRODUCT SKIN: IRRITATION EYES: IRRITATION REDNESS, BLURRED VISION	SENSITIZATION TO PRODUCT  NONE KNOWN.	CARCINOGENICITY  None known.
TERATOGENICITY: 1-METHYL- 2PYRROLIDINONE (NMP) WAS REPORTED TO BE FETOTOXIC AND TO INCREASE THE INCIDENCE OF SKELETAL ABNORMALITIES WHEN ADMINISTERED DERMALLY TO RATS DURING GESTATION AT VERY HIGH MATERNALLY TOXIC DOSES.	REPRODUCTIVE TOXICITY TESTICULAR EFFECTS WERE NOTED IN RATS AFTER REPEATED HIGH DOSE ORAL AND INHALATION EXPOSURE TO NMP.	MUTAGENICITY  Nmp is not mutagenic in the ames test.	SYNERGISTIC PRODUCTS  None known.

## SECTION 7: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:		
GLOVES( SPECIFY)  NEOPRENE GLOVES.	RESPIRATOR(SPECIFY) IF SPRAYING: A PROPERLY FITTED NIOSH APPROVED MASK IS REQUIRED.	EYE(SPECIFY): SAFETY GLASSES WITH SIDE SHIELDS. EYE PROTECTION WORN MUST BE COMPATIBLE WITH RESPIRATORY PROTECTION SYSTEM EMPLOYED.
FOOTWEAR(SPECIFY) RUBBER, PVC	CLOTHING(SPECIFY) RUBBER APRON	OTHER(SPECIFY)
ENGINEERING CONTROLS(SPECIFY, EG. VENTILATION, ENCLOSED PROCESS) : LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.'S		
LEAK AND SPILL PROCEDURE : CONTAIN SPREAD, SOAK UP WITH INERT ABSORBENT		
WASTE DISPOSAL : DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL & FEDERAL REGULATIONS		
HANDLING PROCEDURES AND EQUIPMENT : NO SPECIAL EQUIPMENT NEEDED		
STORAGE REQUIREMENTS : CLOSE CONTAINERS, DO NOT ALLOW TO FREEZE		
SPECIAL SHIPPING INFORMATION : N/AP		

## SECTION 8: FIRST AID MEASURES

SKIN : WASH WITH SOAP AND WATER, LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.
EYES : FLUSH WITH WATER FOR AT LEAST 20 MINUTES, LIFT UPPER AND LOWER LIDS
INHALATION: REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP WARM AND AT REST.
INGESTION: DO NOT INDUCE VOMITING. KEEP WARM AND AT REST.
<b>IN ALL CASES GET IMMEDIATE MEDICAL ATTENTION</b>

**SECTION 9: PREPARATION DATE OF MSDS**

PREPARED BY :TECHNICAL DEPARTMENT	PHONE NUMBER (519) 245-2001	DATE SEPTEMBER 15, 2009
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