

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BORACOL 10-2BD		PRODUCT IDENTIFICATION NUMBER (PIN) N/AP	
PRODUCT USE WOOD PRESERVATIVE FOR STRUCTURES			
MANUFACTURER'S NAME		SUPPLIERS NAME THE SANSIN CORPORATION	
STREET ADDRESS		STREET ADDRESS 111 MacNab Ave.	
		CITY STRATHROY	PROVINCE ON
POSTAL CODE	EMERGENCY TELEPHONE.NO:	POSTAL CODE N7G 4JG	EMERGENCY TELEPHONE #: 519-245-4623

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
MONOPROPYLENE GLYCOL	10-40	000057-55-6	21,000-33,700MG/KG ORAL RAT	50 PPM (AEROSOL 10MG/M ³)
DISODIUM OCTABORATE TETRAHYDRATE	9.8	12280-03-4	2500MG/KG OARL RAT	ACGIH: 10 MG/ M ³)
DIDECYL DIMETHYL AMMONIUM CHLORIDE(DDAC)	2.0	7173-51.5	450MG/KG ORAL RAT	

SECTION 3: PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOUR AND APPEARANCE CLEAR, VISCOUS LIQUID WITH VERY LITTLE ODOUR		ODOUR ; TRESHOLD PPM N/AV
VAPOUR PRESSURE (MM HG) ALMOST NEGLIGIBLE	VAPOUR DENSITY (AIR=1) N/AV	EVAPORATION RATE N/AV	BOILING POINT APROX: 101°C. FREEZING POINT N/AV
PH 7	SPECIFIC GRAVITY 1.04 KG/LITRE	COEFF. WATER/OIL DIST. MISCIBLE	COEFFICIENT OF WATER/OIL DIST:N/A

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY YES (NO v IF YES, UNDER WHICH CONDITIONS		
MEANS OF EXTINCTION: N/AP		
FLASHPOINT (°C) AND METHOD > 150°C PMCC	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/AV	LOWER FLAMMABLE LIMIT (% BY VOLUME) :N/AV
AUTOIGNITION TEMPERATURE (°C) >350 °C	HAZARDOUS COMBUSTION PRODUCTS: INCOMPLETE COMBUSTION MAY GENERATE CARBON MONOXIDE AND PROPIONALDEHYDE	
EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, WATER FOG, AND DRY CHEMICALS	SPEC.FIRE FIGHTING PROCEDURES: WEAR POSITIVE-PRESSURE, SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE FIRE FIGHTING CLOTHING (INCLUDES FIRE FIGHTING HELMET, COAT, BOOTS, GLOVES)	
EXPLOSION DATA	SENSITIVITY TO IMPACT NONE	SENTIVITY TO STATIC DISCHARGE NONE

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY: STABLE	HAZARDOUS DECOMPOSITION: PROBABLE NONE
CONDITIONS TO AVOID : STRONG OXIDIZING AGENTS AND STRONG REDUCING AGENTS.	
INCOMPATIBILITY (MATERIALS AVOID): STRONG, OXIDIZING AGENTS AND STRONG REDUCING TO AGENTS NONE	
HAZARDOUS POLYMERIZATION MAY NOT OCCUR	

PRODUCT IDENTIFIER : BORACOL 10-2BD

SECTION 6: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION : MAYBE INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: MAY CAUSE IRRITATION TO EYES . EXPOSURE TO SKIN MAY CAUSE FLAKING AND SOFTENING /REDNESS. BORON MAY BE ABSORBED THROUGH INJURED SKIN. DDAC MAY BE CORROSIVE TO SKIN. PROLONGED INHALATION IS NOT LIKELY TO CAUSE ADVERSE EFFECTS,MISTS ARE NOT LIKELY TO BE HAZARDOUS, **INGESTION**: THIS MATERIAL MAY BE HARMFUL IF SWALLOWED

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: 1. CARCINOGENICITY: CONTAINS NO KNOWN CARCINOGENS
2. MUTAGENICITY : CONTAINS NO KNOWN MUTAGENS. 3. OTHERS: NONE CURRENTLY KNOWN

EXPOSURE LIMITS N/A/V	IRRITANCY OF PRODUCT SKIN: IRRITATION EYES: IRRITATION REDNESS, BLURRED VISION	SENSITIZATION TO PRODUCT NONE KNOWN	CARCINOGENICITY NONE KNOWN
TERATOGENICITY NONE KNOWN	REPRODUCTIVE TOXICITY NONE KNOWN	MUTAGENICITY NONE KNOWN	SYNERGISTIC PRODUCTS NONE KNOWN

SECTION 7: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES(SPECIFY) RUBBER, PVC	RESPIRATOR(SPECIFY) IF SPRAYING: NIOSH / MSHA APPROVED	EYE(SPECIFY) GOGGLES OR FACE SHIELD
FOOTWEAR(SPECIFY) RUBBER, PVC	CLOTHING(SPECIFY): LONG SLEEVES SHIRT, LONG PANTS AND HAT. 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, CONTACT THE PROVINCIAL REGULATORY AGENCY OR THE MANUFACTURER

WASTE DISPOSAL : RINSE THE EMPTIED CONTAINER THOROUGHLY AND ADD THE RINSINGS TO THE TREATMENT SITE. MAKE EMPTY CONTAINER UNSUITABLE FOR FURTHER USE.
DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL & FEDERAL REGULATIONS

HANDLING PROCEDURES AND EQUIPMENT : KEEP CONTAINER CLOSED STORE IN COOL WELL VENTILATED AREA AWAY FROM SOURCE OF IGNITION AND INCOMPATIBLE MATERIALS

STORAGE REQUIREMENTS : CLOSE CONTAINERS, STORE IN COOL WELL VENTILATED AREA AWAY FROM SOURCE OF IGNITION AND INCOMPATIBLE MATERIALS

OTHER: AS WITH ALL WOOD PRESERVATIVE MATERIALS, GOOD HYGIENIC PRACTICES SHOULS BE FOLLOWED. WASH HANDS THOROUGHLY IMMEDIATELY AFTER USE AND PRIOR TO EATING OR SMOKING.

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: DRINK 1-2 GLASSES OF WATER. INDUCE VOMITING. BY TOUCHING BACK OF THROAT WITH FINGER, KEEP WARM AND AT REST.

IN ALL CASES GET IMMEDIATE MEDICAL ATTENTION

SECTION 9: PREPARATION DATE OF MSDS

PREPARED BY :TECHNICAL DEPARTMENT	PHONE NUMBER (519) 245-2001	DATE JANUARY 2010
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FURTHERMORE, VENDEE AND THIRD PERSONS ASSUME THE RISK IN THEIR USE OF THE MATERIAL.

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