

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BORACOL 20-2BD		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	PROVINCE	CITY STRATHROY	PROVINCE ON
POSTAL CODE	EMERGENCY TELEPHONE.NO:	POSTAL CODE N7G 4J6	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	50-80	000057-55-6	21,000-33,700MG/KG ORAL RAT	50 PPM (AEROSOL 10MG/M ³)
DISODIUM OCTABORATE TETRAHYDRATE	19.6	12280-03-4	2500MG/KG OARL RAT	ACGIH: 10 MG/ M ³)
DIDECYL DIMETHYL AMMONIUM CHLORIDE(DDAC)	1.0	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 7.3	SPECIFIC GRAVITY 1.15 GRAM/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 > 107°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: PROBABLY 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 20-BD

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. SKIN MAY BECOME RED AND SOFT FROM EXPOSURE. 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/AV	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 SHOULD 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, LAUNDRER 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 FEBRUARY 2010
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SASCO PRODUCTS LIMITED AND ITS AFFILIATES ASSUME NO RESPONSIBILITY FOR INJURY TO ANYONE CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE MATERIAL SAFETY DATA SHEET. ADDITIONALLY, SASCO PRODUCTS LIMITED AND ITS AFFILIATES ASSUME NO RESPONSIBILITY FOR INJURY TO ANYONE CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.

FURTHERMORE, VENDEE AND THIRD PERSONS ASSUME THE RISK IN THEIR USE OF THE MATERIAL.

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