

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION	
Product name	BRO1 RUST CONVERTER
Product use	RUST REMOVAL/ CONVERTOR

MANUFACTURER'S NAME Dominion Sure Seal LTD 6175 Danville Road, Mississauga ON L5T 2H7 Phone 1- 905-670 -5411
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SECTION 2 HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 of INGREDIENTS (SPECIFY SPECIES AND ROUTE)	LD50 of INGREDIENTS (SPECIFY SPECIES AND ROUTE)
			RAT ORAL	RABBIT DERMAL
Isopropyl Alcohol	15-30	67-63-0	5840 mg/kg	13000 mg/kg
Phosphoric Acid	15-30	7664-38-2	200 mg/kg/	3160 mg/kg
Tannic Acid	7-15	1401-55-4	N/A	N/A

SECTION 3 PHYSICAL DATA			
PHYSICAL STATE Liquid	ODOUR & APPEARANCE Alcoholic/brown liquid	ODOUR THRESHOLD (ppm) N/A	VAPOUR RESSURE 7.0 mm @100 degF
VAPOUR DENSITY (AIR=1) 5.2	EVAPORATION RATE N/A	BOILING POINT 110 deg C	FREEZING POINT -10deg C
pH 1	SPECIFIC GRAVITY 1.04-1.07	COEF. WATER/ OIL DIST Not applicable	

SECTION 4 FIRE AND EXPLOSION

FLAMMIBILITY: FLAMMABLE		
MEANS OF EXTINCTION: Cool fire exposed surfaces with water or extinguishing foam		
FLASH POINT deg C 30 TCC	UPPER FLAMMABLE LIMIT 12 (Isopropyl alcohol)	LOWER FLAMMABLE LIMIT 2 (Isopropyl alcohol)

AUTOIGNITION TEMPERATURE deg. C 399 Isopropyl alcohol	HAZARDOUS COMBUSTION PRODUCTS Oxides of Carbon and Hydrogen
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EXPLOSION DATA Not available	SENSITIVITY TO IMPACT not available	SENSITIVITY TO STATIC DISCHARGE Expected to be sensitive within flammability range
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SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: STABLE

INCOMPATIBILITY WITH OTHER SUBSTANCES: Strong alkalis, acids, organic materials, oxidizing materials
And reducing materials e.g. bleach, metals such as aluminium, brass copper, magnesium etc.

REACTIVITY AND UNDER WHAT CONDITIONS : Under heat, pressure and in the presence of other chemicals

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, hydrogen gas and oxides of phosphorous

SECTION 6 TOXICOLOGICAL PRODUCTS

ROUTES OF ENTRY

SKIN ENTRY	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
Yes	yes	yes	yes	yes

EFFECTS OF EXPOSURE: Contact with eyes will cause damage. Ingestion will cause stomach corrosion.

EXPOSURE LIMITS	IRRITANCY OF PRODUCT
5 ppm total	Corrosive!

SENSITIZATION OF PRODUCT	CARCINOGENICITY	TERATOGENICITY
Not applicable	Not applicable	Not applicable

REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
Not applicable	Not applicable	not applicable

SECTION 7 PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES	RESPIRATOR	EYE PROTECTION	FOOT WEAR	CLOTHING
Rubber	air mist	safety glasses	safety boots	apron

ENGINEERING CONTROLS	Local exhaust ventilation is usually adequate
SPILL & LEAK PROCEDURES	Contain spill, use absorbent.
WASTE DISPOSAL	Ensure conformity with local, provincial or state and Federal regulations
PRECAUTIONS	Avoid prolonged contact with skin
STORAGE REQUIREMENTS	Keep away heat, and hot surfaces. Do not freeze. Store in a cool place

SHIPPING INFORMATION

TRANSPORTATION OF DANGEROUS GOODS:

UN2924 CLASS 3(8) Packing Group II

WHMIS REGULATION B2, E

SECTION 8 FIRST AID PROCEDURES

EYES	Flush thoroughly with clean water for fifteen minutes. Get medical attention.
SKIN	Wash thoroughly with clean water. Get medical attention.
INHALATION	Move to an area where there is fresh air
INGESTION	Give fresh water and seek medical attention

PREPARED BY Dominion Sure Seal Ltd. 6175 Danville Road Mississauga ON L5T 2H7
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DATE OF REVISION: June 1, 2010

MSDS VALIED FOR THREE YEARS FROM REVISION DATE.