

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION			
Product name	LIQUID RUST REMOVER	Code	BROL
Product use	RUST INHIBITOR		

MANUFACTURER'S NAME DOMINION SURE SEAL 6175 Danville Rd 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
Phosphoric Acid	15-30	7664-38-2	3500 mg/kg	1260 mg/kg
Sodium nitrate	3-7	7631-99-4	4300 mg/kg	N/A

SECTION 3 PHYSICAL DATA			
PHYSICAL STATE Liquid	ODOUR & APPEARANCE GREEN /NO ODOUR	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: NOT FLAMMABLE

MEANS OF EXTINCTION: Cool fire exposed surfaces with water or extinguishing foam

FLASH POINT deg C Not available	UPPER FLAMMABLE LIMIT Not applicable	LOWER FLAMMABLE LIMIT Not applicable
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AUTOIGNITION TEMPERATURE Not available	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 Material will not accumulate static discharge
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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	Defats skin, irritate the eyes

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: Phosphoric Acid Mixture

UN 1805 CLASS 8 (9.2) Packing GROUP 111

WHMIS REGULATION CLASS E

SECTION 8 FIRST AID PROCEDURES

HAZARD RATING	A – HEALTH :2 B-FIRE: 1 REACTIVITY: 3
EYES	Flush thoroughly with clean water for fifteen minutes
SKIN	Wash thoroughly with clean water
INHALATION	Move to an area where there is fresh air
INGESTION	Give fresh water and seek medical attention

PREPARED BY:

Regulatory Affairs Dominion Sure Seal Ltd. June 1, 2010

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