

MATERIAL SAFETY DATA SHEET: RW327 Primer**SECTION 1: PRODUCT DESCRIPTION**

Manufacturer:

SCAPA NORTH AMERICA
609 Barnet Boulevard
Renfrew, Ontario. K7V 3Z4
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CONTACT INFORMATION
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US & Canada : (800) 535-5053
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Product name: Renwrap® 327

Use: Corrosion Protection

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CONCENTRAT. % W/W	Cas No.	LD50 rat-oral	LD50 rabbit-skin	LC50 rat-4 hours	THRESHOLD LIMIT ACGIH
VM & P Naphta	15-40	64742-89-8	> 6000 mg/kg	> 3.0 gm/kg	3400 ppm	300 ppm
Toluene	15-40	108-88-3	2500 mg/kg	14.0 gm/kg	8000 ppm	50 ppm
Ethanol, denaturated	1-5	64-17-5	> 5628 mg/kg	> 15.8 gm/kg	31623 ppm	1000 ppm
Carbon Black	0.5-1.5	1333-86-4	> 8000 mg/kg	N.D.	N.D.	3.5 mg/m ³ (resp. dust)

SECTION 3: TOXICOLOGICAL AND HEALTH HAZARD DATA

LD50 (rat-oral): >4210 mg/kg (calculated) LD50 (rabbit-skin): >6050 gm/kg (estimated) LC50 (rat-4hrs): >7000 ppm (calculated solvents)

ACUTE EFFECT: None known.

EYES: Irritation. Redness, tears and troubled vision.

SKIN: Irritation. Dermatitis. Methanol can be absorbed through skin and lead to blindness.

INHALATION: Irritation to the eyes, nose and respiratory tract. Overexposure may cause nausea, vomiting, dizziness and depression of central nervous system.

INGESTION: May cause headache, nausea, dizziness and weakness. Inhalation of ingested product into the lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECT: Repeated ingestion of Ethanol may cause liver damage (fibrosis). Repeated exposure to Toluene may cause injury to central nervous system..

REMARK/WARNING: Contains trace amount of Carbon black classified as possible carcinogen for human beings (2B) by IARC as respirable dust. Carbon black being wet in the product, the risk of inhaling can arise only during sanding or spraying.

SECTION 4: FIRST AID

EYES: Wash with plenty of water for at least 15 minutes while maintaining eyelids opened. Consult a physician.

SKIN: Wash with mild soap and water. Wash clothing before re-use, discard clothing that cannot be decontaminated. Consult a physician if irritation.

INHALATION: Remove victim to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Consult a physician if still feeling discomfort.

INGESTION: If victim is conscious, give 2 glasses of water, but **DO NOT INDUCE VOMITING**. Ask for medical help. Keep victim calm and warm.

SECTION 5: PHYSICAL DATA

PHYSICAL STATE:	Liquid.	EVAPORATION RATE (N-Butyl acetate=1):	> 1
ODOUR:	Aromatic.	OIL/WATER DISTRIBUTION COEFFICIENT:	N.D.
APPEARANCE:	Black.	DENSITY	0.85
ODOUR THRESHOLD:	N.D.	VAPOUR DENSITY (AIR=1)	> 1
VAPOUR TENSION:	25.9 KPa @ 55° C (calculated).	FREEZING POINT:	< - 45
BOILING POINT:	64° C Initial (Ethanol, denaturated).	PH:	N.A.

SECTION 6: FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY: Flammable liquid.

EXTINGUISHING MEDIA: Foam, dry powder, water fog and carbon dioxide gas.

FLASH POINT: 4° C - closed cup (Toluene).

IGNITION POINT: N.D.

FLAMMABILITY LIMITS (% volume): Minimum: 1.0 - Maximum: 36.5 (Ethanol, denaturated).

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide and hydrocarbons.

EXPLOSION DATA: Sensitive to static discharge when temperature of material is at or above flash point and/or when working in confined/poorly ventilated areas.

SPECIAL METHODS: In the case of a major fire, wear self contained respirator and full protective clothing. Cool nearby containers and structures with water fog.

RENWRAP® 327

MATERIAL SAFETY DATA SHEET: RW327 Primer (cont'd)**SECTION 7: REACTIVITY DATA**

CHEMICAL STABILITY: Yes.
 INCOMPATIBILITY: Hydroxides of alkaline metals, acids and bases.
 REACTIVITY/CONDITIONS TO AVOID: Excessive heat.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and hydrocarbons when subjected to excessively high temperatures.

SECTION 8: PREVENTION

PROTECTION EQUIPMENTS: Consult safety equipment specialist for more information concerning trade names and models.
 RESPIRATORY PROTECTION: Cartridge respiratory mask for organic vapours when TLV limit is exceeded.
 EYES PROTECTION: Splash proof goggles.
 BODY PROTECTION: Clothing covering entirely arms and legs.
 HANDS PROTECTION: Impervious gloves (butyl rubber, ...) covering wrists.
 SHOES: Impervious (thick leather or rubber).
 VENTILATION: General and local.
 HANDLING: Keep away from all sources of ignition. When handling large amounts and temperature of material is at or above flash point and/or when working in confined/poorly ventilated areas, then mix with explosion proof equipment and ground all equipments and containers.
 STORAGE/TRANSPORTATION: Keep in a cool, dry and well ventilated place. Keep containers upright, hermetically closed.
 SPILL/LEAK PROCEDURE: Remove all sources of ignition. Contain with inert material. Shovel into waste disposal approved container. Clean normally.
 WASTE DISPOSAL: **WARNING:** vapours are heavier than air and may travel along the floor to an ignition source and flash back. According to Federal, Provincial and Municipal legislations.

SECTION 9: REGULATORY**TRANSPORTATION**

REGULATORY DESIGNATION: Coating Solution.
 UN: 1139
 PACKAGING GROUP: II
 CLASS: 3
 LABEL : 3 (Flammable)
 IMDG-IATA: Same as above.
 REMARKS: This product is not a marine pollutant.

WHMIS

CLASSIFICATION: B2, D2A, D2B.
 SYMBOLS: Flammable liquid and symbolized T.

HMS

HEALTH : 2 Moderate
 FLAMMABILITY : 3 Severe
 REACTIVITY : 0 Minimal

SECTION 10: MATERIAL SAFETY DATA SHEET PREPARATION

N.A.: not applicable.
 N.D. : not determined

PREPARED: April 3, 2007

SUPERCEDES : June 6, 2005

END