Scapa North America
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SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **RENWRAP® 327 PRIMER**

PRODUCT DESCRIPTION: Primer for pipewrap tape

MATERIAL USE: Corrosion protection

MANUFACTURER:
Scapa North America
609 Barnet Boulevard
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U.S & CANADA: **INFOTRAC HOTLINE** **(800) 535-5053**

INTERNATIONAL: **INFOTRAC HOTLINE** **(352) 323-3500**

2. HAZARD(S) IDENTIFICATION

CLASSIFICATION (GHS-CA):
Flammable liquids, Category 2.
Skin corrosion / irritation, Category 2.
Germ cell mutagenicity, Category 1.
Carcinogenicity, Category 1.
Reproductive toxicity, Category 2.
Specific target organ toxicity – Single exposure, Category 3, Narcosis.
Specific target organ toxicity – Repeated exposure, Category 2.
Hazardous to the aquatic environment – Acute hazard, Category 2.

HAZARD PICTOGRAMS (GHS-CA):

SIGNAL WORD (GHS-CA):	Danger
HAZARD STATEMENTS (GHS-CA):	Highly flammable liquid and vapour. Causes skin irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life.
PRECAUTIONARY STATEMENTS (GHS-CA):	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. Do not breathe fume, gas, mist, spray, vapours. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear eye protection, face protection, protective gloves, protective clothing. IF ON SKIN (or hair): Take off immediately all contaminated clothing and rinse skin with soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use carbon dioxide (CO_2), foam, dry chemical to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national, and/or international regulation.
OTHER HAZARDS:	No additional information available.
UNKNOWN ACUTE TOXICITY:	No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CHEMICAL NAME / SYNONYMS	CAS NO.	CONCENTRATION (%)	CLASSIFICATION (GHS-CA)
Solvent naphtha, petroleum, light aliphatic	Solvent naphtha (petroleum), light aliphatic / Naphtha, petroleum, light aliphatic / Solvent naphtha light aliphatic / Naphtha, light aliphatic solvent / Light aliphatic solvent naphtha (petroleum) / Aliphatic light naphtha / Solvent naphtha(petroleum), light aliphatic / Solvent naphtha (petroleum), light aliphatic - low boiling point naphtha/ Solvent naphtha, petroleum, light aliphatic (A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C5-10 and boiling in the range of approximately 35-160°C.) / Light aliphatic solvent naphtha	64742-89-8	34.3	Flam. Liq. 1 Muta. 1B Carc. 1B Asp. Tox. 1
Toluene	Benzene, methyl- / Methylbenzene / Phenylmethane / Toluene	108-88-3	34.3	Flam. Liq. 2 Skin Irrit. 2 Repr. 2 STOT SE 3 STOT RE 2 Asp. Tox. 1 Aquatic Acute 2

4. FIRST-AID MEASURES

GENERAL: If exposed or concerned, get medical advice/attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing.

INGESTION: Call a poison center or a doctor if you feel unwell.

EYE CONTACT: Rinse eyes with water as a precaution.

SKIN CONTACT: Rinse skin with water/shower. Immediately remove all contaminated clothing. If skin irritation occurs, get medical advice/attention.

SYMPTOMS AND EFFECTS (ACTUTE AND DELAYED):

GENERAL: May cause drowsiness or dizziness.

INHALATION: May cause respiratory irritation. May cause drowsiness or dizziness.

INGESTION: Swallowing a small quantity of this material will result in serious health hazard.

EYE CONTACT: May cause severe irritation.

SKIN CONTACT: May cause moderate irritation. Repeated or prolonged contact may cause sensitization of the skin (dermatitis, reddening, etc.).

OTHER MEDICAL ADVICE: Treat symptomatically

5. FIRE-FIGHTING MEASURES

FIRE HAZARD: Highly flammable liquid and vapour.

SUITABLE EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: Do not use a heavy water stream.

EXPLOSION HAZARD: May form flammable/explosive vapour-air mixture.

FIREFIGHTING INSTRUCTIONS: Eliminate all ignition sources if safe to do so. Evacuate area. Exercise caution when fighting any chemical fire. Use extinguishing agent suitable for surrounding fire. Use water spray or fog for cooling exposed containers. Wear personal protective equipment.

PROTECTION DURING FIREFIGHTING: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

GENERAL MEASURES: Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Eliminate every possible source of ignition. Evacuate area. Ground and bond container and receiving equipment. Soak up with inert absorbent material (e.g. sand, sawdust, a universal binder, silica gel). Ventilate area. Wear personal protective equipment.

CONTAINMENT METHODS: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect spillage. Dispose of contaminated materials in accordance with current regulations.

CLEANING METHODS: Take up liquid spill into absorbent material. Notify authorities if product enters sewer or public waters.

DISPOSAL: Dispose of materials or solid residues at an authorized site.

For further information, refer to Section 8: Exposure Controls / Personal Protection.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety

precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product in the workplace. Limit quantities of the product to the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls, and other surfaces in the hazard area must be cleaned regularly. Do not breathe mist, vapours, spray. Avoid contact with skin and eyes.

HYGIENE MEASURES: Separate working clothes from street clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink, or smoke when using this product. Always wash hands after handing the product.

ADDITIONAL HAZARDS WHEN PROCESSED: Avoid breathing dust, mist, or spray. Avoid contact with skin and eyes. Ensure good ventilation of the work station. Ground and bond container and receiving equipment. Handle carefully.

STORAGE CONDITIONS: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Ground/bond container and receiving equipment. Keep container closed when not in use. Provide local exhaust and general room ventilation. Use only non-sparking tools.

INCOMPATIBLE PRODUCTS: Oxidizing agents, acids, bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

Toluene (CAS # 108-88-3)		
USA – ACGIH	ACGIH TWA (ppm)	20 ppm
USA – OSHA	OSHA PEL (TWA) (ppm)	200 ppm
	OSHA PEL (Ceiling) (ppm)	300 ppm
	Acceptable maximum peak above the acceptable ceiling concentration in an 8 hour shift	500 ppm Peak (10 minutes)
Canada (Quebec)	VEMP (mg/m^3)	188 mg/m^3
	VEMP (ppm)	50 ppm
Canada (Alberta)	OEL TWA (mg/m^3)	188 mg/m^3
	OEL TWA (ppm)	50 ppm
Canada (British Columbia)	OEL TWA (ppm)	20 ppm
Canada (Manitoba)	OEL TWA (ppm)	20 ppm
Canada (New Brunswick)	OEL TWA (mg/m^3)	188 mg/m^3
	OEL TWA (ppm)	50 ppm
Canada (New Foundland and Labrador)	OEL TWA (ppm)	20 ppm
Canada (Nova Scotia)	OEL TWA (ppm)	20 ppm
Canada (Nunavut)	OEL STEL (ppm)	60 ppm
	OEL TWA (ppm)	50 ppm
Canada (Northwest Territories)	OEL STEL (ppm)	60 ppm
	OEL TWA (ppm)	50 ppm

Canada (Ontario)	OEL TWA (ppm)	20 ppm
Canada (Prince Edward Island)	OEL TWA (ppm)	20 ppm
Canada (Saskatchewan)	OEL STEL (ppm)	60 ppm
	OEL TWA (ppm)	50 ppm
Canada (Yukon)	OEL STEL (mg/m^3)	560 mg/m^3
	OEL STEL (ppm)	150 ppm
	OEL TWA (mg/m^3)	375 mg/m^3
	OEL TWA (ppm)	100 ppm

ENGINEERING CONTROLS: Ensure good ventilation of the work station.

ENVIRONMENTAL EXPOSURE CONTROLS: Avoid release to the environment.

PERSONAL PROTECTIVE EQUIPMENT: Gas mask, gloves, protective clothing, safety glasses.

HAND PROTECTION: Protective gloves.

EYE PROTECTION: Safety glasses.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

RESPIRATORY PROTECTION: Wear respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

APPEARANCE: Black liquid.

ODOUR: Aromatic.

ODOUR THRESHOLD: No data available.

pH: No data available.

EVAPORATION RATE (Butyl Acetate=1): No data available.

EVAPORATION RATE (Ether=1): No data available.

MELTING POINT: Not applicable.

FREEZING POINT: No data available.

BOILING POINT: 111°C

FLASH POINT:	≈ 6°C
AUTO-IGNITION TEMPERATURE:	No data available.
DECOMPOSITION TEMPERATURE:	No data available.
FLAMMABILITY (SOLID, GAS):	Not applicable.
VAPOUR PRESSURE:	No data available.
VAPOUR PRESSURE AT 50°C:	No data available.
SPECIFIC GRAVITY:	0.87
DENSITY:	7.3 lb/gal
SOLUBILITY:	No data available.
LOG POW:	No data available.
VISCOSITY, KINEMATIC:	No data available.
EXPLOSIVE LIMITS:	No data available.
VOC CONTENT:	< 640 g/L

10. STABILITY AND REACTIVITY

REACTIVITY:	Highly flammable liquid and vapour.
CHEMICAL STABILITY:	Stable under normal conditions.
HAZARDOUS REACTIONS:	No dangerous reactions known under normal conditions of use.
CONDITIONS TO AVOID:	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
INCOMPATIBLE MATERIALS:	Oxidizing agents, acids, bases.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE:	Dermal, inhalation, oral.
ACUTE TOXICITY (ORAL):	Not classified.
ACUTE TOXICITY (DERMAL):	Not classified.
ACUTE TOXICITY (INHALATION):	Not classified.

Solvent naphtha, petroleum, light aliphatic (CAS # 64742-89-8)	
LD50 dermal rabbit	3,000 mg/kg

Toluene (CAS # 108-88-3)	
LD50 oral rat	2,600 mg/kg
LD50 dermal rabbit	12,000 mg/kg
LC50 inhalation rat (mg/L)	12.5 mg/L/4h

SKIN CORROSION/IRRITATION: Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Not classified.

RESPIRATORY OR SKIN SENSITIZATION: Not classified.

GERM CELL MUTAGENICITY: May cause genetic defects.

CARCINOGENICITY: May cause cancer.

REPRODUCTIVE TOXICITY: Suspected of damaging fertility or the unborn child.

STOT – SINGLE EXPOSURE: May cause drowsiness or dizziness.

STOT – REPEATED EXPOSURE: May cause damage to organs through prolonged or repeated exposure.

ASPIRATION HAZARD: Not classified.

12. ECOLOGICAL INFORMATION

TOXICITY: Toxic to aquatic life.

Toluene (CAS # 108-88-3)	
LC50 Fish 1	15.22 – 19.05 mg/L Exposure Time: 96 h Species: *Pimephales promelas* (flow-through)
LC50 Fish 2	12.6 mg/L Exposure Time: 96 h Species: *Pimephales promelas* (static)
EC50 Daphnia 1	5.46 – 9.83 mg/L Exposure Time: 48 h Species: *Daphnia magna* (static)
EC50 Daphnia 2	11.5 mg/L Exposure Time: 48 h Species: *Daphnia magna*

PERSISTENCE AND DEGRADABILITY: No additional information available.

BIOACCUMULATIVE POTENTIAL:

Toluene (CAS # 108-88-3)	
Log Pow	2.7

MOBILITY IN SOIL:

Toluene (CAS # 108-88-3)	
Log Pow	2.7

13. DISPOSAL CONSIDERATIONS

REGIONAL LEGISLATION (WASTE): Disposal must be done according to official regulations.

WASTE DISPOSAL: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SEWAGE DISPOSAL RECOMMENDATIONS: Disposal must be done according to official regulations.

ADDITIONAL INFORMATION: Flammable vapours may accumulate in the container.

14. TRANSPORT INFORMATION

TRANSPORTATION OF DANGEROUS GOODS:

UN # (TDG): UN1263

PACKING GROUP: II – Medium Danger

TDG PRIMARY HAZARD CLASS: 3 – Class 3 – Flammable Liquids

TRANSPORT DOCUMENT DESCRIPTION: UN1263 PAINT ((including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler, and liquid lacquer base) with not more than 20% nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6% by mass), 3, II

PROPER SHIPPING NAME (TDG): PAINT
Including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler, and liquid lacquer base with not more than 20% nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6% by mass

HAZARD LABELS (TDG): 3 – Flammable Liquids

TDG SPECIAL PROVISIONS:

59 – Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass).
142 – The following shipping names may be used to meet the requirements of Part 3 (Documentation) and Part 4 (Dangerous Goods Safety Marks) when these dangerous goods are offered for transport in the same means of containment:

(a) "PAINT RELATED MATERIAL" may be used for a means of containment containing both paint and paint related material;
(b) "PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" may be use for a means of containment containing both paint, corrosive, flammable, and paint related material, corrosive, flammable;
(c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable corrosive;
(d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. SOR/2014-306.

EXPLOSIVE LIMIT AND LIMITED QUANTITY INDEX: 5 L

EXCEPTED QUANTITIES (TDG): E2

PASSENGER CARRYING ROAD VEHICLE OR PASSENGER CARRYING RAILWAY VEHICLE INDEX: 5 L

<u>DEPARTMENT OF TRANSPORT:</u>

DOT NA #: UN1263

UN # (DOT): 1263

PACKING GROUP (DOT): II – Medium Danger

TRANSPORT DOCUMENT DESCRIPTION: UN1263 Paint, 3, II

PROPER SHIPPING NAME (DOT): Paint

CLASS (DOT): 3 – Class 3 – Flammable and Combustible Liquid 49 CFR 173.120

DIVISION (DOT): 3

HAZARD LABELS (DOT): 3 – Flammable Liquid

DANGEROUS FOR ENVIRONMENT:	No.
DOT SPECIAL PROVISIONS: **(49 CFR 172.102)**	149 – When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packagings may be increased to 5 L (1.3 gallons). 367 – For the purposes of documentation and package marking: (a) The proper shipping name "Paint Related Material" may be used for consignments of packages containing "Paint" and "Paint Related Material" in the same package; (b) The proper shipping name "Paint Related Material, Corrosive, Flammable" may be used for consignments of packages containing "Paint, Corrosive, Flammable" and "Paint Related Material, Corrosive, Flammable" in the same package; (c) The proper shipping name "Paint Related Material, Flammable, Corrosive" may be used for consignments of packages containing "Paint, Flammable, Corrosive" and "Paint Related Material, Flammable, Corrosive" in the same package; and (d) The proper shipping name "Printing Ink Related Material" may be used for consignments of packages containing "Printing Ink" and "Printing Ink Related Material" in the same package. B52 – Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB2 – Authorized IBCs: Metal (31A, 31B, and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapour pressure less than or equal to 110 kPa at 50°C (1.1 bar at 122°F) or 130 kPa at 55°C (1.3 bar at 131°F) are authorized. T4 – 2.65 178.274(d)(2) Normal 178.275(d)(3). TP1 – The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr – tf)) Where: tr is the maximum mean bulk temperature during transport and tf is the temperature in degrees Celsius of the liquid during filling. TP8 – A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0°C (32°F). TP28 – A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT PACKAGING EXCEPTIONS: **(49 CFR 173.xxx)**	150
DOT PACKAGING NON-BULK: **(49 CFR 173.xxx)**	173
DOT PACKAGING BULK: **(49 CFR 173.xxx)**	242
DOT QUANTITY LIMITATIONS PASSENGER AIRCRAFT/RAIL: **(49 CFR 173.27)**	5 L

DOT QUANTITY LIMITATIONS CARGO AIRCRAFT ONLY: (49 CFR 175.75)	60 L
DOT VESSEL STOWAGE LOCATION:	B – (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
EMERGENCY RESPONSE GUIDE (ERG) #:	128
OTHER INFORMATION:	No supplementary information available.

AIR AND SEA TRANSPORT:

IMDG:

UN # (IMDG):	1263
PROPER SHIPPING NAME (IMDG):	PAINT
TRANSPORT DOCUMENT DESCRIPTION:	UN 1263 PAINT, 3, II
CLASS (IMDG):	3 – Flammable Liquids
PACKING GROUP (IMDG):	II – Substances presenting medium danger

IATA:

UN # (IATA):	1263
PROPER SHIPPING NAME (IATA):	PAINT
TRANSPORT DOCUMENT DESCRIPTION:	UN 1263 PAINT, 3, II
CLASS (IATA):	3 – Flammable Liquids
PACKING GROUP (IATA):	II – Medium Danger

15. REGULATORY INFORMATION

NATIONAL REGULATIONS:

Solvent naphtha, petroleum, light aliphatic (CAS # 64742-89-8)
Listed on the Canadian DSL (Domestic Substance List)

Toluene (CAS # 108-88-3)
Listed on the Canadian DSL (Domestic Substance List)

INTERNATIONAL REGULATIONS:

Solvent naphtha, petroleum, light aliphatic (CAS # 64742-89-8)
Listed on the AICS (Australia Inventory of Chemical Substances)
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Korean ECL (Existing Chemicals List)
Listed on the NZIoC (New Zealand Inventory of Chemicals)
Listed on the PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the INSQ (Mexican National Inventory of Chemical Substances)
Listed on the Turkish inventory of chemicals

Toluene (CAS # 108-88-3)
Listed on the AICS (Australia Inventory of Chemical Substances)
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing and New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on the NZIoC (New Zealand Inventory of Chemicals)
Listed on the PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Japanese Poisonous and Deleterious Substances Control Law
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on the INSQ (Mexican National Inventory of Chemical Substances)
Listed on the Turkish inventory of chemicals

16. OTHER INFORMATION

RESPONSIBILITY STATEMENT: This information is accurate and reliable to the best of our knowledge. It is furnished without warranty, expressed or implied. Scapa North America assumes no legal responsibility for hazards which may result through the use of, or reliance upon, this data. This SDS was created in compliance with WHMIS and is not intended to be used for any other purpose.

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