



Safety Data Sheet

Anti-Corrosion Spray Film

SECTION 1. IDENTIFICATION

Product Identifier	Anti-Corrosion Spray Film
Part number	TNDS8074
Product Family	Mixture
Recommended Use	Corrosion inhibitor.
Restrictions on Use	None known.
Manufacturer	Shrader Canada Limited 830 Progress Court Oakville, Ontario Canada L6L 6K1 +1.905.847.0222
Emergency Phone No.	Immediately contact your local poison control centre. CANUTEC, +1.613.996.6666, for transportation emergencies.

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

Classification

Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Specific target organ toxicity (single exposure) - Category 3; Aspiration hazard - Category 1

Label Elements



Danger

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Avoid breathing gas, mist, spray.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

Do NOT induce vomiting.

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

Call a POISON CENTRE or doctor if you feel unwell.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

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Store locked up.
Store in a well-ventilated place.
Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Naphtha (petroleum), hydrotreated light	64742-49-0	15-40		heptane
Petroleum gases, liquefied	68476-85-7	10-30		LPG
Solvent naphtha (petroleum), medium aliph.	64742-88-7	10-30		medium aliphatic solvent naphtha

Notes

Any concentration shown as a range is due to batch processing, actual concentration is confidential.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam. Use water to keep non-leaking, fire-exposed containers cool.

Unsuitable Extinguishing Media

DO NOT use water or water-based extinguishing agents.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents. Contains gas under pressure; may explode if heated. Flammable aerosol. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, resulting in a fire hazard. May travel a considerable distance to a source of ignition and flash back to a leak or open container.

Very toxic carbon monoxide, carbon dioxide. and other unidentified organic compounds.

Special Protective Equipment and Precautions for Fire-fighters

Use extreme caution. Evacuate area. Fight fire from a safe distance or a protected location.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Eliminate all ignition sources if safe to do so. Distant ignition and flashback are possible. Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, if ventilation is not sufficient.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Only use where there is adequate ventilation.

Conditions for Safe Storage

Store in an area that is: cool, dry, ventilated, out of direct sunlight and away from heat and ignition sources.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Solvent naphtha (petroleum), medium aliph.	Not established	Not established	400 ppm	Not established

Appropriate Engineering Controls

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Opaque brown viscous liquid. Particle Size: Not available
Odour	Petroleum
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling Range	Not available

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Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable aerosol
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.872 at 15 °C
Solubility	Insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); 2060 centipoises (dynamic)
Other Information	
VOC %	Not available
Flame projection	30 cm
NFPA Classification	Aerosols, level 3

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperatures. Open flames, sparks, static discharge, heat and other ignition sources. High energy sources, e.g. welding arcs.

Incompatible Materials

Oxidizing agents (e.g. peroxides), oxidizing agents (e.g. peroxides).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide. and other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation;
Skin contact;
Eye contact;
Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Naphtha (petroleum), hydrotreated light	Not available	5000 mg/kg	2000 mg/kg

LC50 (Inhalation)

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No information was located.

LD50 (Oral)

Oral ATEmix = 5000 mg/kg

70% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral).

LD50 (Dermal)

Dermal ATEmix = 2000 mg/kg

70% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal).

Skin Corrosion/Irritation

There is limited evidence of moderate or severe irritation.

Serious Eye Damage/Irritation

No information was located.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

May cause lung damage if aspirated based on physical properties (e.g. kinematic viscosity) and chemical family (hydrocarbon).

STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause effects on the central nervous system.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Chemical Name	ACGIH®	IARC	NTP	OSHA
Petroleum gases, liquefied	Not Listed	Not Listed	Not Listed	Not Listed

No information was located for: Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	UN1950	Aerosols	2.1	----

Special Precautions Not applicable

Transport in Bulk according to International Maritime Organization Instruments

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Not applicable

Emergency Response Guide No. 126 EmS F-D, S-U

Other Information Product may ship as LTD QTY if TDG, ICAO/IATA or IMDG Limited Quantity provisions are met.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 4 Instability - 3

SDS Prepared By Regulatory Compliance

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Key to Abbreviations ACGIH® = American Conference of Governmental Hygienists

CANUTEC = Canadian Transport Emergency Centre

CAS = Chemical Abstract Service

CCOHS = Canadian Centre for Occupational Health & Safety

CNS = Central nervous system

GESTIS = GESTIS Substance Database

HSDB® = Hazardous Substances Data Bank

IARC = International Agency for Research on Cancer

ICAO = International Civil Aviation Organization

IMDG = International Maritime Dangerous Goods Code

LC = Lethal concentration

LC = Lethal dose

NFPA = National Fire Protection Association

NTP = National Toxicology Program

OSHA = US Occupational Safety and Health Administration

PPM = Parts per million

RTECS® = Registry of Toxic Effects of Chemical Substances

STEL = Short term exposure limit

TDG = Transportation of Dangerous Goods Regulations (Canada)

TWA = Time weighted average

References

Material safety data sheet from manufacturer.

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

ECHA - European Chemical Agency, Classification and Labelling Inventory

GESTIS Substance Database

OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.

Disclaimer

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