SAFETY DATA SHEET (SDS)
TECTYL ® 185GW BLACK

SECTION 1: IDENTIFICATION

Product Name:	Tectyl ® 185GW Black
Product Use:	Corrosion Preventative Compound
Product Code (s):	S-T185GW-BKD, S-T185GW-BKK

Supplier:
Sym-Tech Inc.
P.O. Box 430, Stn A
Scarborough ON
M1K 5C3
1-800-363-5796

Emergency Tel.	1-613-996-6666 CANUTEC for 24HR emergency information

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION:
Classification of Substance of mixture:

Skin Corrosion/Irritation	Category 2
Flammable Liquid	Category 3
STOT – Single Exposure	Category 3

LABEL ELEMENTS:

Signal Word	Warning
Hazard Statements	Flammable liquid and vapour. Causes skin and eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.
Symbol	

GHS Precautionary Statements:

Prevention:	Keep away from heat/sparks/open flames/hot surfaces - do not smoke during use of product. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapour/spray. Wash thoroughly after handling. Use only outdoors in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response:	IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN OR HAIR: Remove/take off immediately all contaminated clothing. Rinse skin/hair with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: None Known If skin irritation occurs: Get medical advice/attention. If eye irritation occurs: Get medical advice attention. Take off contaminated clothing and wash before reuse. Use dry chemical, water fog, CO_2, foam or sand/earth for extinction.
Storage:	Store in a well-ventilated area. Keep container tightly closed. Keep cool. Store locked up.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	**CAS #**	**%**
Hydrotreated light distillate (Petroleum)	64742-47-8	30 - 60

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

Inhalation:	If symptoms are experienced, remove source of contamination or move the victim to fresh air and obtain medical advice.
Skin:	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Eyes:	Flush eyes with plenty of water for at least 20 minutes retracting often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get medical attention.
Ingestion:	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. Should vomiting occur, lean the victim forward to reduce the risk of aspiration into lungs.
Symptoms/Effects, Acute and Delayed:	Causes skin irritation. May cause drowsiness or dizziness.
Note to Doctor/Physician	Treat systematically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not use water jet as an extinguisher, as this will spread the fire.
Fire and/or Explosion Hazards:	Vapours may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapours are heavier than air and may travel to a source of ignition and flash back. Empty containers that retain product residue (liquid, solid/sludge or vapour) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose container to heat, flame, spark, static electricity or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.
Fire Fighting Methods and Protection:	Do not enter fire area without the proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapours and decomposition products. Use appropriate methods for the surrounding fire.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide, Sulfur compounds, Hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Exposure to spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods and material for containment and clean up:

Absorb or cover the spill with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state, provincial and national regulations.

SECTION 7: HANDLING AND STORAGE

Storage Including any Incompatibilities:

Store in cool, dry area. Isolate from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks and flame.
Incompatible materials: strong oxidizing agents, alkalis, and acids.

Handling:

Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. “Empty” containers retain product residue (liquid and/or vapour) and can be dangerous. Use with adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters Chemical Name	ACGIH TLV	ACGIH STEL	OSHA PEL
Hydrotreated light distillate (Petroleum)	200 mg/m3		

Respiratory Protection:

Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels.
Respirator Type(s): NIOSH approved air purifying respirator with organic vapor cartridge.

Skin Protection:	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving work.
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.
Engineering Controls:	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation or other engineering controls airborne levels below recommended exposure limits.
Gloves:	Chemically resistant gloves.
General Hygiene Conditions:	Do not use pressure to empty container. Remove contaminated clothing and wash before reuse. Use with adequate ventilation "Empty" containers retain product residue (liquid and/or vapour) and can be dangerous. Ground and bond containers when transferring material. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black Liquid
Odour:	Slight Solvent Odor
Odour Threshold:	No data available
pH:	No data available
Melting Point, °C:	No data available
Boiling Point, °C:	No data available
Flash Point:	>=42°C (1084°F)
Evaporation rate:	No data available
Flammability (solid, gas)	No data available
Upper/Lower Flammability or Explosive Limit, 1% in air:	No data available
Vapour Pressure:	2 mmHg
Vapour Density:	>1 (Air=1)
Relative Density:	0.97
Solubility in Water:	Negligible; 0-1%
Octanol/Water Partition Coefficient:	No data available
Autoignition Temperature:	No data available
Decomposition:	No data available
Viscosity:	12000 cP
Volatiles, % by Weight:	40.39
VOC, lb/gal:	3.19
VOC, grams/litre:	382
VOS minus exempt solvents & water, g/L:	386

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not expected to be reactive.
Chemical Stability:	Hazardous polymerization will not occur.
Possibility of Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Materials to Avoid:	Strong oxidizing agents.
Conditions to Avoid:	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. High temperatures. Elevated temperatures. Contamination.
Hazardous Decomposition Products:	Under normal conditions of storage and use, decomposition and hazardous decomposition products are unlikely.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Entry:	Inhalation, skin contact, eye contact.
Symptoms related to the physical, chemical and toxicological characteristics:	Causes Skin irritation. May cause drowsiness or dizziness.
Immediate (Acute) Health Effects by Routs of Exposure	
Inhalation Toxicity:	No data available.
Skin Contact:	Can cause moderate skin irritation, defatting and dermatitis. Not likely to cause permanent damage.
Eye Contact:	Can cause moderate irritation, tearing and reddening but not likely to permanently injure eye tissue.
Ingestion Toxicity:	Harmful if swallowed. Estimated to be >5.0 g/kg: practically non-toxic.
Sensitization:	None known
Mutagenicity:	No data
Reproductive and Developmental Toxicity:	No data available
Carcinogenicity:	Carbon black has been classified by IARC as a Category 2B (known animal carcinogen, possible human carcinogen) material. This was based on the results of rat inhalation studies of carbon black, despite the lack of parallel evidence on humans or other form, is encapsulated and unlikely to be present in small enough particles to present an inhalation risk. Normal precautions should be taken if the dry coating is to be severely abraded by sanding or sandblasting.
STOT-single exposure:	Classification has been based on toxicological information of the components in Section 3.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Numerical Measure of Toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Distillates (petroleum), hydrotreated light			Inhalation LC50 (4h) Rat .> 20 mg/L

Is the hazardous chemicals listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Carbon black	N	Y	N

SECTION 12: ECOLOGICAL INFORMATION

Ecological Toxicity Data: No data available
Mobility in soil: No data available
Persistence and degradability: No data available
Bioaccumulation potential: No data available
Ecotoxicity Data: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Description for Spent Product: Spent or discarded material may be a hazardous waste.

Disposal Methods: Dispose of by incineration following Federal, State, Local or Provincial regulations.

Waste Disposal Code(s): D001

SECTION 14: TRANSPORT INFORMATION

Full Shipping Name for Export, Air, Sea (any quantity Unless flash pt. > 150°F) or vessels of 119 GL or more: UN1268, Petroleum Distillates. N.O.S., (Naphtha Solvent), 3, PG III

Domestic Ground in vessels < 119 gal.: Not regulated.

Marine Pollutant?: No

SECTION 15: REGULATORY INFORMATION

TSCA Status: All components in this product are on the TSCA Inventory or exempt.

Canadian DSL Status: All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

Chemical Name	CAS #	Regulation	Percent
Carbon black	1333-86-4	Prop. 65 – Cancer	0.05 -1.5
Naphthalene	91-20-3	Prop. 65 – Cancer	Trace
Cumene	98-82-8	Prop. 65 – Cancer	Trace
Benzene	71-43-2	Prop. 65 – Cancer	Trace
Ethylbenzene	100-41-4	Prop. 65 – Cancer	Trace
Toluene	108-88-3	Prop. 65 – Developmental and/or Reproductive	Trace
Benzene	71-43-2	Prop. 65 – Developmental and/or Reproductive	Trace
Toluene	108-88-3	CERCLA	Trace RQ = 100 lbs
Naphthalene	91-20-3	CERCLA	Trace RQ = 100 lbs
Cumene	98-82-8	CERCLA	Trace RQ = 100 lbs
Benzene	71-43-2	CERCLA	Trace RQ = 100 lbs
Ethylbenzene	100-41-4	CERCLA	Trace RQ = 100 lbs
Toluene	108-88-3	SARA 313	Trace
Naphthalene	91-20-3	SARA 313	Trace
Cumene	98-82-8	SARA 313	Trace
Benzene	71-43-2	SARA 313	Trace
Ethylbenzene	100-41-4	SARA 313	Trace
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

SECTION 16: PREPARATION AND OTHER INFORMATION

PREPARED BY: WHMIS Committee
PHONE NUMBER: 1-800-363-5796

EMERGENCY: This SDS is Registered with CANUTEC
EMERGENCY NUMBER: For 24hr Information call 613-996-6666
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