Robco INC.
Engineered Solutions since 1911

SAFETY DATA SHEET

Product : **Sock Grease HT**
Date Prepared : June 28th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier: Sock Grease HT
Other name / Synonym :
Company Information : Robco Inc.
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7
Telephone : 514-367-2252
Email : info@robco.com
Website : www.robco.com

Section 2 - Hazards identification

Classification

OSHA Regulatory Status:
This chemical is not classified under the Globally Harmonized System

Label Elements

Appearance : Opaque Amber
Physical State : Grease
Odor : Bland

Hazards not otherwise classified (HNOC) : None known

Other Information : None known.

Unknown acute toxicity : 0% of the mixture consists of ingredient(s) of unknown toxicity

Section 3 - Composition/information on ingredients

Components	CAS No	Weight %
Quinoline Polymer	26780-96-1	1-5%
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	1-5%

The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4 - First aid measures

General advice:
Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician

Eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin contact:
Remove and wash contaminated clothing before re-use. Wash off immediately with

soap and plenty of water.

Ingestion:
If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person

Inhalation:
Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Note to physician:
Treat symptomatically.

Medical condition aggravated by exposure:
Dermatitis

Section 5 - Firefighting measures

Suitable extinguishing media:
Use dry chemical, CO2, water spray or `alcohol` foam.

Specific hazards:
Do not allow material to contaminate ground water system.

Special protective equipment for fire-fighters:
As in any fire, wear self-containedbreathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Specific methods:
Water mist may be used to cool closed containers

Section 6 - Accidental release measures

Personal precautions:
Ensure adequate ventilation. Do not breathe vapour/dust. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Environmental precautions:
Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

Section 7 - Handling and storage

Handling

Technical measures/precautions:
Provide sufficient air exchange and/or exhaust in work rooms.

Safe handling advice:
In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

Storage

Technical measures/storage conditions:
Store at room temperature in the original container.

Incompatible products:
Strong oxidizing agents

Safe storage temperature: 40 -100 °F

Shelf life: 2 years

Section 8 - Exposure controls/personal protection

Components	ACGIH Exposure Limits	OSHA TWA (final)	NIOSH-Pocket Guide
Mineral oil	5 mg/m³	5 mg/m³	5 mg/m³

Engineering measures : Ensure adequate ventilation

Personal Protective Equipment:

General:
Eye Wash and Safety Shower

Respiratory protection:
If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.

Eye protection: Safety glasses with side-shields

Hand protection:
Recommended: neoprene, latex, nitrile, butyl rubber and polyethylene type

Skin and body protection: Long sleeved clothing

Hygiene measures: Avoid contact with skin, eyes and clothing.

Section 9 - Physical and chemical properties

Physical State	Grease
Appearance	Amber
Odor	Bland
Odor Threshold	No information available
pH concentrate:	Not applicable
pH Dilution	No information available

Melting/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	221 °C / 430 F	
Method	Cleveland Open Cup (COC)	
Evaporation rate	No information available	
Flammability Limits in Air		
upper flammability limit	No information available	
lower flammability limit	No information available	
VOC Content Product (lb/gal)	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity (g/cc, 15 C)	0.89	
Bulk Density (lb/gal, 15 C)	7.42	
Water Solubility	Insoluble	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition Temperature	No information available	
Kinematic viscosity	220 mm^2/s @ 40 C	
Dynamic viscosity	No information available	
Molecular Weight	No information available	

Section 10 - Stability and reactivity

Stability: Stable under recommended storage conditions.

Conditions to avoid: None known.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon oxides. Nitrogen oxides (nox). Smoke
.
Hazardous Polymerization: Not applicable.

Section 11 - Toxicological Information

No toxicological information is available on the product. Data obtained on components are summarized below.

Information on likely routes of exposure

Inhalation : May cause irritation of respiratory tract.

Eye Contact : Contact with eyes may cause irritation.

Skin Contact : Prolonged contact may cause redness and irritation.

Ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components	LD50 Oral	LD50 Dermal	LC50 Inhalation
Quinoline Polymer	-	-	-
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	-	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen

Components	IARC Carcinogens	NTP	OSHA - Select Carcinogens
Quinoline Polymer	Not listed	Not listed	Not listed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed	Not listed	Not listed

Sensitization : No information available.

Mutagenic effects: No information available.

Reproductive Toxicity : No information available.

Developmental Toxicity : No information available

Teratogenic : No information available.

Specific target organ systemic toxicity (single exposure) : No information available.

Specific target organ systemic toxicity (repeated exposure) : No information available.

Aspiration hazard : No information available.

Additional information on toxicological effects

MINERAL OIL INFORMATION: Any product containing a substance for which OSHA has established a permissible exposure limit (PEL) is considered hazardous. OSHA has established a PEL of 5 mg/m3 for worker exposure to air borne mists of mineral oils. Therefore, the presence of mineral oils brings this product within the provisions of the OSHA Hazard Communication Standard where the PEL reaches or exceeds 5 mg/m3. Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

Section 12 - Ecological information

Components	Ecotoxicity -Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data
Quinoline Polymer	No data	No data	No data
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	No data	No data	No data

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability : No information available.

Bioaccumulation : No information available.

Components	Octanol/water partition coefficient
Quinoline Polymer	-
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	-

Mobility: No data available

Ozone: No data available

Section 13 - Disposal considerations

Waste from residues/unused products:
Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging: Do not re-use empty containers

Methods for cleaning up:
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) Sweep up and shovel into suitable containers for disposal

Section 14 - Transport information

U. S. DEPARTMENT OF TRANSPORTATION:
Proper shipping name: Not Regulated

TDG (CANADA):
Proper shipping name: Not Regulated

IMDG/IMO:
Proper shipping name: Not Regulated

IATA/ICAO:
Proper shipping name: Not Regulated

Section 15 - Regulatory information

Federal Regulations

OSHA Hazard Communication Standard:
This product is considered non-hazardous under the OSHA Hazard Communication Standard.

CERCLA/SARA Information:

SARA (311, 312) hazard class:
This product possesses the following SARA Hazard Categories:
Immediate Health (Acute): No
Delayed Health (Chronic): No
Flammability: No
Pressure: No
Reactivity: No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Quinoline Polymer	Not listed	Not listed	Not listed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed	Not listed	Not listed

Clean Air and Clean Water Acts:

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Quinoline Polymer	Not listed	Not listed	Not listed	Not listed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed	Not listed	Not listed	Not listed

U.S. STATE REGULATIONS (RTK):

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Quinoline Polymer	Not listed	Not listed	Not listed	Not listed	Not listed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed	Not listed	Not listed	Not listed	Not listed

California Proposition 65 Status: No components are listed

RCRA Status: Not regulated

CANADIAN REGULATIONS:

Components	CEPA Schedule	Challenge Substances
Quinoline Polymer	Not listed	Not listed
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed	Not listed

INVENTORY STATUS:

United States TSCA Inventory: This product complies with TSCA

Canada DSL/NDSL Inventory List This product complies with DSL

Section 16 - Other information

Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.

Disclaimer :
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.