



Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

TEST REPORT

NUMBER: HJ00633402

APPLICANT: TOP GREASE CO., LTD
69-1 SHI CHIAO TZE KENG, YUAN SAN
TSUN,
SANCHI, TAIPEI, TAIWAN

DATE: Dec 28, 2007

SAMPLE DESCRIPTION:

ONE (1) SET OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME : **50/70S - SILICONE SUPER LUBRICANT.**

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

FOR AND ON BEHALF OF :
INTERTEK TESTING SERVICES HK LTD.

KAREN S.C. NG
GENERAL MANAGER



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1 MATERIAL SAFETY DATA SHEET (MSDS) PREPARATION

THE MATERIAL SAFETY DATA SHEET (MSDS) FOR THE SUBMITTED SAMPLE WAS PREPARED BY A TOXICOLOGIST. THE LISTED SAFETY DATA WAS ONLY FOR THOSE INGREDIENTS DECLARED BY THE MANUFACTURER.

THE COMPLETED MSDS WAS AS ATTACHED.

DATE SAMPLE RECEIVED : NOV 27, 2007 & DEC 24, 2007

ASSESSMENT PERIOD : DEC 24, 2007 TO DEC 27, 2007

END OF REPORT

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SAFETY DATA SHEET FOR
SILICONE SUPER LUBRICANT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : SILICONE SUPER LUBRICANT **TRADE NAMES :** NONE
SYNONYMS : NONE **PRODUCT TYPE :** LUBRICANT **FORMULA :** PROPRIETARY

HAZARD RATINGS*			<u>RATINGS KEY</u>
	<u>NPCA/HMIS</u>	<u>NFPA 704</u>	
HEALTH :	1	1	0 = MINIMAL
FLAMMABILITY :	4	4	1 = SLIGHT
REACTIVITY :	0	0	2 = MODERATE
			3 = SERIOUS
			4 = SEVERE

* SEE SECTION 16 FOR DESIGNATIONS OF ABBREVIATIONS USED IN THIS MSDS.

MANUFACTURER / DISTRIBUTOR

TOP GREASE CO., LTD
69-1 SHI CHIAO TZE KENG
YUAN SAN TSUN, SANCHI
TAIPEI, TAIWAN
TEL.: 886-2-26371216

2. COMPOSITION/ INFORMATION ON INGREDIENTS

THE FOLLOWING INGREDIENT IN THIS PRODUCT IS CONSIDERED TO BE HAZARDOUS BY THE OSHA (AS DEFINED IN THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910).

			<u>EXPOSURE LIMITS</u>	
<u>INGREDIENT</u>	<u>CASRN</u>	<u>% WT.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
LIQUIFIED PETROLEUM GAS	68476-85-7	50	1000 ppm	1000 ppm

3. HAZARDS IDENTIFICATION

EXTREMELY-FLAMMABLE LIQUID: THIS MATERIAL WILL BURN.

ROUTES OF ENTRY

INHALATION : MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT AND ADVERSE EFFECTS TO THE CENTRAL NERVOUS SYSTEM.

INGESTION : MAY CAUSE IRRITATION.

SKIN CONTACT : MAY CAUSE IRRITATION.

EYE CONTACT : MAY CAUSE IRRITATION.

CARCINOGENIC : IARC - NO, NTP - NO, OSHA - NO

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4. FIRST AID

INHALATION : REMOVE EXPOSED INDIVIDUAL TO FRESH AIR.
INGESTION : INDUCE VOMITING, GIVE LARGE AMOUNTS OF WATER TO DRINK,
GET IMMEDIATE MEDICAL ATTENTION.
SKIN CONTACT : WASH AFFECTED AREA WITH SOAP AND WATER.
EYE CONTACT : IMMEDIATELY RINSE EYES WITH LARGE AMOUNTS OF CLEAN WATER,
SEEK IMMEDIATE MEDICAL HELP.

5. FIRE-FIGHTING MEASURES

EXTREMELY FLAMMABLE LIQUID-PRODUCT WILL BURN.

EXTINGUISHING MEDIA : WHATEVER IS APPROPRIATE FOR SURROUNDING MATERIAL.

SPECIAL FIRE-FIGHTING PROCEDURES OR EQUIPMENT : NONE.

HAZARDOUS COMBUSTION PRODUCTS : CARBON DIOXIDE, CARBON MONOXIDE.

UNUSUAL FIRE/EXPLOSION HAZARDS : MAY BE EXPLOSIVE WHEN MIXED WITH AIR.

6. ACCIDENTAL RELEASE MEASURES

ADD ABSORBENT MATERIAL, PICK UP AND PLACE IN APPROPRIATE CONTAINER.

7. HANDLING AND STORAGE

STORE PRODUCT AWAY FROM HEAT AND/OR SOURCES OF IGNITION.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

NONE REQUIRED.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/STATE : LIQUID/GAS MIXTURE **ODOR** : AROMATIC

SOLUBILITY : (WATER) - INSOLUBLE. (ORGANICS) - SOLUBLE.

EXPLOSIVE LIMITS : LOWER 1.9%, UPPER 9.5%

10. STABILITY AND REACTIVITY

THIS PRODUCT IS STABLE AND NON-REACTIVE WITH MOST MATERIALS.

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11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: EXPOSURES TO HIGH CONCENTRATIONS OF THIS MIXTURE MAY CAUSE ACUTE TOXICITY (NECROSIS) VIA INHALATION, INGESTION OR DERMAL CONTACT AND BE IRRITATING TO THE SKIN, EYES AND MUCOUS MEMBRANES.

CHRONIC TOXICITY: THIS PRODUCT IS NOT EXPECTED TO CAUSE CHRONIC TOXICITY.

12. ECOLOGICAL INFORMATION

SMALL AMOUNTS OF THIS MATERIAL ARE NOT EXPECTED TO CAUSE SIGNIFICANT ADVERSE EFFECTS ON THE ENVIRONMENT WHEN IT IS USED AS INTENDED AND/OR PROPERLY DISPOSED OF. COMPONENTS OF THIS MATERIAL ARE NOT BIOMAGNIFIED OR BIOCONCENTRATED IN THE ENVIRONMENT.

13. DISPOSAL CONSIDERATIONS

SMALL QUANTITIES OF THIS PRODUCT MAY BE DISPOSED OF IN A MUNICIPAL LANDFILL.

14. TRANSPORT INFORMATION

THE PROPANE IN THIS PRODUCT IS REGULATED BY THE USDOT (49CFR172.101).
PROPER SHIPPING NAMES: LIQUIFIED PETROLEUM GAS HAZARD GLASS 2.1 UN NO.: UN1075.

15. REGULATORY INFORMATION

NOTE : THE REGULATORY INFORMATION INCLUDED HERE SHOULD NOT NECESSARILY BE CONSIDERED ALL-INCLUSIVE.

SMALL QUANTITIES OF THIS PRODUCT ARE NOT SUBJECT TO THE REPORTING REQUIREMENTS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION LIABILITY ACT HAZARDOUS SUBSTANCE LIST, THE SUPERFUND AMENDMENTS REAUTHORIZATION ACT, THE RESOURCE CONSERVATION AND RECOVERY ACT, THE CLEAN AIR ACT AND THE CLEAN WATER ACT (US). THIS MATERIAL IS NOT FORMULATED WITH, NOR DO THE MANUFACTURING OR FORMULATION PROCESSES UTILIZE ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCES.



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16. OTHER INFORMATION

THE RECOMMENDATIONS AND INFORMATION CONTAINED IN THIS MSDS HAVE BEEN COMPILED FROM SOURCES BELIEVED TO REPRESENT THE MOST REASONABLE CURRENT OPINION ON THE SUBJECT WHEN THE MSDS WAS PREPARED. HOWEVER, NEITHER THE MANUFACTURER NOR THE DISTRIBUTOR OF THIS PRODUCT PROVIDES ANY WARRANTY, GUARANTY OR REPRESENTATION AS TO THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION. IF THIS PRODUCT IS TO BE USED IN LARGE AMOUNTS AND/OR AN UNUSUAL MANNER, THE USER IS OBLIGATED TO DETERMINE WHAT SAFETY MEASURES ARE APPROPRIATE, INCLUDING THE APPLICABLE AND RELEVANT WORKPLACE AND ENVIRONMENTAL REGULATIONS PERTAINING TO HANDLING, USE AND DISPOSAL.

ABBREVIATIONS USED IN THIS MSDS NOT FULLY DESCRIBED IN THE TEXT:
ACGIH = AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
CASRN = CHEMICAL ABSTRACTS SERVICES REGISTRATION NUMBER
CFR = CODE OF FEDERAL REGULATIONS (US)
IARC = INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
NFPA = NATIONAL FIRE PROTECTION ASSOCIATION (US)
NPCA / HMIS = NATIONAL PAINT AND COATINGS ASSOCIATION'S HAZARDOUS MATERIALS INFORMATION SYSTEM (US)
NTP = NATIONAL TOXICOLOGY PROGRAM (US)
OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (US)
PEL = PERMISSIBLE EXPOSURE LIMIT
TLV = THRESHOLD LIMIT VALUE
USDOT = UNITED STATES DEPARTMENT OF TRANSPORTATION

DATE OF ISSUE : DEC 24, 2007

END OF REPORT