

Product Name: Carquest® Heavy Duty Silicone™ (CA & OTC)
Product Number (s): 1055, 1055C (CRC Part# 09685, 79685)

components of this product.

Ecotoxicity:	n-heptane - 24 Hr EC50 Daphnia magna: >10 mg/L acetone - 48 Hr EC50 Daphnia magna: 12600 mg/L
Persistence / Degradability:	No information available
Bioaccumulation / Accumulation:	No information available
Mobility in Environment:	No information available

Section 13: Disposal Considerations

Disposal: The dispensed liquid product is a RCRA hazardous waste for the characteristic of ignitability with the following potential waste codes: D001. (See 40 CFR Part 261.20 – 261.33)
Aerosol containers should be emptied and depressurized before disposal. Empty containers may be recycled. Any liquid product should be managed as a hazardous waste.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

Section 14: Transport Information

Proper shipping description:

US DOT (ground): Consumer Commodity, ORM-D

Special Provisions: None

Section 15: Regulatory Information

U.S. Federal

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: Acetone (5000 lbs)

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:	Fire Hazard	Yes
	Reactive Hazard	No
	Release of Pressure	Yes
	Acute Health Hazard	Yes
	Chronic Health Hazard	Yes

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
None

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Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: toluene (0.005%)

State Right to Know:

New Jersey: 142-82-5, 110-82-7, 67-64-1, 68476-86-8
Pennsylvania: 142-82-5, 110-82-7, 67-64-1, 68476-86-8
Massachusetts: 142-82-5, 110-82-7, 67-64-1, 68476-86-8
Rhode Island : 142-82-5, 110-82-7, 67-64-1, 68476-86-8

Additional Regulatory Information: This product complies with Consumer Product VOC regulations as a Silicone-based Multi-Purpose Lubricant.

Section 16: Other Information

NFPA:	Health: 2	Flammability: 3	Reactivity: 0	
HMIS:	Health: 2	Flammability: 3	Reactivity: 0	PPE: B

Prepared By: Michelle Rudnick
CRC #: 519C
Revision Date: 07/21/2010

Changes since last revision: Three year MSDS review as per Canadian Regulations.

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
PMCC:	Pensky-Martens Closed Cup	g/L:	grams per Liter
PPE:	Personal Protection Equipment	lbs./gal:	pounds per gallon
TWA:	Time Weighted Average	STEL:	Short Term Exposure Limit
OSHA:	Occupational Safety and Health Administration		
ACGIH	American Conference of Governmental Industrial Hygienists		
NIOSH	National Institute of Occupational Safety & Health		

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ITEM: 3HHH5 - RTV Silicone Gasket Maker 7.25 oz

SDS: D2468

ORDER: 0165722229

LP NUMBER: U884932179

SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D2468

Associated Grainger Items
3HHH5PACER (R*) TECHNOLOGY
INDUSTRIAL - PRIVATE LABEL

SAFETY DATA SHEET

DATE PREPARED: 12/16/2014

MSDS NO: 3HHH5 - RTV POWER CAN - GHS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: GRAINGER - N80019 - BLACK RTV SILICONE POWER CAN

MANUFACTURER:
PACER TECHNOLOGY
3281 E. GUSTI RD.
SUITE 260
ONTARIO, CA 91761

EMERGENCY CONTACT: CHEMTREC

EMERGENCY PHONE: 800-424-9300

ALTERNATE EMERGENCY PHONE: 703-527-3888

PRODUCT STEWARDSHIP: 909-987-0550

2. HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS: NON-HAZARDOUS PER MSDS INFO

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	WT %	CAS
DIMETHYL SILOXANE, HYDROXY-TERMINATED	70	7011-67-8
SILICA, AMORPHOUS	19	7612-85-5
HYDROTREATED MIDDLE PETROLEUM DISTILLATE	<6	64741-46-7
METHYLTRIACTOXYSILOANE	1	4283-34-3
ETHYLTRIACTOXYSILOANE	1	17639-77-9
IRON OXIDE	<3	1311-37-2
TITANIUM DIOXIDE	<2	14634-67-7
ALUMINUM	<1	7529-90-5
CARBON BLACK	<0.5	1333-86-4

COMMENTS:
OUTER COMPARTMENT CONTAINS A FLAMMABLE HYDROCARBON PROPELLANT (DIFLUOROETHANE, CAS 75-37-6; PROPELLANT REMAINS IN CAN DURING AND AFTER NORMAL USE AND IS NOT EXPELLED WITH PRODUCT. DO NOT REMOVE PROPELLANT PLUG FROM BOTTOM OF CONTAINER).

4. FIRST AID MEASURES

EYES:
IF EXPOSED TO FUMES OR VAPORS, FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES.

SKIN:
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION: IF IRRITATION OR DISCOMFORT OCCUR, OBTAIN MEDICAL ADVICE.

INHALATION:
MATERIAL IS NOT LIKELY TO PRESENT AN INHALATION HAZARD AT AMBIENT CONDITIONS. IF MATERIAL IS HEATED OR HIGH VAPOR CONCENTRATION IS ATTAINED, CENTRAL NERVOUS SYSTEM DEPRESSION MAY OCCUR, WHICH IS CHARACTERIZED BY DROWSINESS, DIZZINESS, CONFUSION OR LOSS OF COORDINATION.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES: DIRECT CONTACT MAY CAUSE MILD IRRITATION.

SKIN: MAY CAUSE SLIGHT IRRITATION.

SKIN ABSORPTION: NONE KNOWN.

INGESTION: LOW INGESTION HAZARD IN NORMAL USE.

INHALATION:
NOT CONSIDERED TO BE AN INHALATION HAZARD AT AMBIENT CONDITIONS. IF MATERIAL IS HEATED OR HIGH VAPOR CONCENTRATION IS ATTAINED, CENTRAL NERVOUS SYSTEM DEPRESSION MAY OCCUR, WHICH IS CHARACTERIZED BY DROWSINESS, DIZZINESS, CONFUSION OR LOSS OF COORDINATION.

ACUTE TOXICITY: MAY CAUSE SLIGHT IRRITATION.

CHRONIC EFFECTS: NONE KNOWN.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NOT FLAMMABLE

EXTINGUISHING MEDIA:
USUAL CHL. FOAM, CARBON DIOXIDE,
INVAOLVING THIS MATERIAL.

HAZARDOUS COMBUSTION PRODUCTS:
SILICON DIOXIDE, CARBON DIOXIDE, CA
TERIPATING COMPOUNDS MAY FORM WHEN

EXPOSED TO HAZARDS: NONE KNOWN.

FIRE FIGHTING PROCEDURES:
FIGHTERS SHOULD WEAR SELF-CONTAINING
RESPIRATOR AS AN EXTINGUISHING MEDIUM
CONTAINS COOL.

FIRE FIGHTING EQUIPMENT:
ANY FIRE, WEAR SELF-CONTAINING
RESPIRATOR APPROVED OR EQUIVALENT

HAZARD IDENTIFICATION: NONE KNOWN.

HAZARD IDENTIFICATION: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS:
HAZARDOUS DECOMPOSITION PRODUCTS: OF
BURNING CARBON COMPOUNDS, SILICON DIOXIDE

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Wipe up or scrape up and

HAZARD IDENTIFICATION: NONE KNOWN.

HAZARD IDENTIFICATION: NONE KNOWN.

HAZARD IDENTIFICATION: NONE KNOWN.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:
USE WITH ADEQUATE VENTILATION. AVOID
DO NOT SAND AFTER CURE.

HAZARD IDENTIFICATION: NONE KNOWN.

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HAZARD IDENTIFICATION: NONE KNOWN.

8. EXPOSURE CONTROLS

EXPOSURE GUIDELINES:

HAZARDOUS COMPONENTS: (2) CFR

OTHER CAS NAME	OSHA PEL PPM	EXPOSURE LIMITS NIH REL NIH REL	SUPPLIER REL PPM	M3/M3
TITANIUM DIOXIDE	TWA STEL	1	NL [2]	NL [2]
ALUMINUM	TWA	1	NL	NL

HAZARD IDENTIFICATION: NONE KNOWN.

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HAZARD IDENTIFICATION: NONE KNOWN.

WEAR PROTECTIVE CLOTHING, LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

WORK HYGIENIC PRACTICES:

WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: PASTE

ODOR: ACETIC ACID.

ODOR THRESHOLD: NO DATA AVAILABLE ON THIS PRODUCT.

APPEARANCE: PASTE

COLOR: BLACK

PH: NOT ESTABLISHED

PERCENT VOLATILES: NOT ESTABLISHED

FLASHPOINT AND METHOD: >100 DEG. C (212 DEG. F) COC (WELLS) (CUP)

FLAMMABLE LIMITS: NO DATA FOR PRODUCT (V) NO DATA (P) (P) (P)

AUTOIGNITION TEMPERATURE: NOT DETERMINED

VAPOR PRESSURE: NOT ESTABLISHED

VAPOR DENSITY: NOT ESTABLISHED

BOILING POINT: NOT APPLICABLE

FREEZING POINT: NO DATA AVAILABLE ON THIS PRODUCT.

MELTING POINT: NOT ESTABLISHED

POUR POINT: NO DATA AVAILABLE ON THIS PRODUCT.

THERMAL DECOMPOSITION: NOT ESTABLISHED

SOLUBILITY IN WATER: NOT ESTABLISHED

EVAPORATION RATE: NOT ESTABLISHED

SPECIFIC GRAVITY: 1.007 AT 25 DEG. C (77 DEG. F)

VISCOSITY: NOT DETERMINED

(VOC): 31.000 G/L

NOTES: 3%

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

STABILITY: STABLE.

POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: AVOID EXPOSURE TO AIR AND MOISTURE. DO NOT USE.

POSSIBILITY OF HAZARDOUS REACTIONS:

REACTIVITY: PRODUCT MAY REACT WITH EXPOSURE TO INCOMPATIBLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:

SILICON DIOXIDE, CARBON DIOXIDE, CARBON MONOXIDE AND OTHER TOXIC OR IRRITATING COMPOUNDS MAY FORM WHEN HEATED TO DECOMPOSITION.

INCOMPATIBLE MATERIALS:

AVOID STRONG OXIDIZING AGENTS, WATER, MOISTURE OR FLAMMABLES.

11. TOXICOLOGICAL INFORMATION

ACUTE:

DERMAL LD50: NO DATA AVAILABLE ON THIS PRODUCT.

SKIN ABSORPTION: NO DATA AVAILABLE ON THIS PRODUCT.

ORAL LD50: NO DATA AVAILABLE ON THIS PRODUCT.

INHALATION LC50: NO DATA AVAILABLE ON THIS PRODUCT.

EYE EFFECTS: MAY BE MILDLY IRRITATING TO EYES.

SKIN EFFECTS:

NO HEALTH EFFECTS EXPECTED. IF IRRITATION DOES OCCUR, WASH WITH WATER FOR 5 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ADVICE.

CHRONIC: NONE KNOWN.

CARCINOGENICITY:

IARC: NONE

NTP: NONE

OSHA: NONE

IRRITATION: NONE KNOWN.

CORROSIVITY: NONE KNOWN.

SENSITIZATION: NONE KNOWN.

NEUROTOXICITY: NO DATA AVAILABLE ON THIS PRODUCT.

GENETIC EFFECTS: NO DATA AVAILABLE ON THIS PRODUCT.

REPRODUCTIVE EFFECTS: NO DATA AVAILABLE ON THIS PRODUCT.

TARGET ORGANS: NO DATA AVAILABLE ON THIS PRODUCT.

MUTAGENIC EFFECTS: NO DATA AVAILABLE ON THIS PRODUCT.

MUTAGENICITY: NO DATA AVAILABLE ON THIS PRODUCT.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: NO DATA AVAILABLE

TOXICOLOGICAL INFORMATION: NO DATA

BIOACCUMULATION/ACCUMULATION: NO DATA

TOXICITY (ACUTE): NO DATA AVAILABLE

13. DISPOSAL

DISPOSAL METHOD: DISPOSITION OF MATERIALS AND CONTAINERS FOR DISPOSAL.

WASTE INFORMATION: NO DATA AVAILABLE

14. TRANSPORT

DEPARTMENT OF TRANSPORTATION:

PROPOSED SHIPPING NAME: NOT RESTRICTED

ROAD AND RAIL (ADR/RID):

PROPOSED SHIPPING NAME: NOT RESTRICTED

AIR (IATA/ICAO):

SHIPPING NAME: NOT RESTRICTED

VEHICLE (IMO/IMDG):

SHIPPING NAME: NOT RESTRICTED

CALIFORNIA TRANSPORT OF DANGEROUS GOODS:

SHIPPING NAME: NOT RESTRICTED

15. REGULATORY INFORMATION

UNITED STATES:

FEDERAL TITLE III (SUPERFUND) AMENDMENT:

HAZARD CATEGORIES: NOT APPLICABLE

HAZARD: NO

HAZARD GENERATING: NO

HAZARD: NO

HAZARD: NO

PORTABLE INGREDIENTS: NOT APPLICABLE

SECTION 313 SUPPLIER NOTIFICATION:

SECTION 313 NAME: NONE

SECTION 313 NAME: NONE

SECTION 313 NAME: NONE

EMERGENCY PLANNING:

EMERGENCY PLAN: NONE

SUBSTANCE CONTROL ACT:

SECTION 313 NAME:

DIETHYLENE GLYCOL, HYDROXYTERMINAL

DIETHYLENE GLYCOL

HIGH PRESSED MIDDLE PETROLEUM DISTILLATE

HIGH PRESSED MIDDLE PETROLEUM DISTILLATE

HIGH PRESSED MIDDLE PETROLEUM DISTILLATE

TITANIUM DIOXIDE

ALUMINUM

CARBON BLACK

TITANIUM DIOXIDE

STATUS: ALL COMPONENTS ARE LISTED ON OR ARE

CONTROLLED BY THE SUBSTANCE CONTROL ACT.

CALIFORNIA PROPOSITION 65:

NO CALIFORNIA PROPOSITION 65 INGREDIENTS

CALIFORNIA:

HAZARD SYMBOL AND CLASSIFICATION:

HAZARD CLASS: NOT HAZARDOUS

16. OTHER

REGULATORY AFFAIRS MANAGER

PREPARED BY: MARY ROHLER

DATE PREPARED: 12/16/2013

DATE REVIEWED:

HAZARD CLASSIFICATION:

HAZARD CLASSIFICATION:

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SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER AND
MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION.
ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT
THESE ARE THE ONLY HAZARDS WHICH EXIST.

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SDS: D7827

ITEM: 6JZW3 - Pipe Sealant 50mL Tube Purple

ORDER: 0165392026

LP NUMBER: U884921513

SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D7827

Associated Grainger Items
6JZW3

SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 003.0

ISSUE DATE: 09/18/2014

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LOCTITE(R*) 5452(TM) THREAD SEALANT

IDH NUMBER: 1265769

PRODUCT TYPE: ANAEROBIC SEALANT

ITEM NUMBER: 1265769

RESTRICTION OF USE: NONE IDENTIFIED

REGION: UNITED STATES

COMPANY ADDRESS:
HENKEL CORPORATION
ONE HENKEL WAY
ROCKY HILL, CONNECTICUT 06067

CONTACT INFORMATION:

TELEPHONE: (860) 571-5100

MEDICAL EMERGENCY PHONE:
POISON CONTROL CENTER: 1-877-671-4608 (TOLL FREE) OR 1-303-592-1711TRANSPORT EMERGENCY PHONE:
CHEMTREC: 1-800-424-9300 (TOLL FREE) OR 1-703-527-3887

INTERNET: WWW.HENKELNA.COM

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING:
CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS HAZARD CATEGORY

SKIN IRRITATION 2

EYE IRRITATION 2A

SKIN SENSITIZATION 1

PICTOGRAM(S): EXCLAMATION MARK

PRECAUTIONARY STATEMENTS:

PREVENTION:
AVOID BREATHING VAPORS, MIST, OR SPRAY. WASH THOROUGHLY AFTER HANDLING.
CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.
WEAR EYE AND FACE PROTECTION. WEAR PROTECTIVE GLOVES.

RESPONSE:

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF
PRESENT AND EASY TO REMOVE. CONTINUE RINSING.

IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ATTENTION.

IF EYE IRRITATION PERSISTS:
GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING.

STORAGE: NOT PRESCRIBED

DISPOSAL:
DISPOSE OF CONTENTS AND/OR CONTAINER ACCORDING TO FEDERAL, STATE/PROVINCIAL,
AND LOCAL GOVERNMENTAL REGULATIONS.CLASSIFICATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD
(29 CFR 1910.1200) AND IS CONSISTENT WITH THE PROVISIONS OF THE UNITED
NATIONS GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF
CHEMICALS (GHS).

SEE SECTION 11 FOR ADDITIONAL TOXICOLOGICAL INFORMATION.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT(S)	CAS NUMBER	PERCENTAGE*
GLYCERYL ESTER	PROPRIETARY	30 - 60
POLYGLYCOL DIMETHACRYLATE	PROPRIETARY	10 - 30
DIMETHACRYLATE ESTER	PROPRIETARY	10 - 30
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	112945-52-5	1 - 5

SACCHARIN

81-07-2

1 - 5

CUMENE HYDROPEROXIDE

80-15-9

1 - 5

CUMENE

98-82-8

0.1 - 1

* EXACT PERCENTAGE IS A TRADE SECRET. CONCENTRATION RANGE IS PROVIDED
TO ASSIST USERS IN PROVIDING APPROPRIATE PROTECTIONS.

4. FIRST AID MEASURES

INHALATION:
MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

SKIN CONTACT:

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER (USING SOAP, IF AVAILABLE).
REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE.
GET MEDICAL ATTENTION.

EYE CONTACT:

RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT
LEAST 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SYMPTOMS: SEE SECTION 11.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

WATER SPRAY (FOG), FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING, SUCH
AS TURN-OUT GEAR. IN CASE OF FIRE, KEEP CONTAINERS COOL WITH WATER SPRAY.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

UNCONTROLLED POLYMERIZATION MAY OCCUR AT HIGH TEMPERATURES RESULTING IN
EXPLOSIONS OR RUPTURE OF STORAGE CONTAINERS.

HAZARDOUS COMBUSTION PRODUCTS:

OXIDES OF CARBON, OXIDES OF NITROGEN, OXIDES OF SULFUR, IRRITATING ORGANIC
FRAGMENTS.

6. ACCIDENTAL RELEASE MEASURES

USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8. ISOLATE THE HAZARD AREA
AND DENY ENTRY TO UNNECESSARY AND UNPROTECTED PERSONNEL.

ENVIRONMENTAL PRECAUTIONS:

DO NOT ALLOW PRODUCT TO ENTER SEWER OR WATERWAYS.

CLEAN-UP METHODS:

REMOVE ALL SOURCES OF IGNITION. EVACUATE AND VENTILATE SPILL AREA. DIKE
SPILL TO PREVENT ENTRY INTO WATER SYSTEM. WEAR FULL PROTECTIVE EQUIPMENT
DURING CLEANUP. SOAK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, SILICA
GEL, ACID BINDER, UNIVERSAL BINDER, SAWDUST). SCRAPE UP AS MUCH MATERIAL
AS POSSIBLE. STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL.
REFER TO SECTION 8 "EXPOSURE CONTROLS / PERSONAL PROTECTION" PRIOR TO
CLEAN UP.

7. HANDLING AND STORAGE

HANDLING:

USE ONLY WITH ADEQUATE VENTILATION. PREVENT CONTACT WITH EYES, SKIN AND
CLOTHING. DO NOT BREATHE VAPOR AND MIST. WASH THOROUGHLY AFTER HANDLING.
KEEP CONTAINER CLOSED. REFER TO SECTION 8.

STORAGE:

FOR SAFE STORAGE, STORE AT OR BELOW 38 DEG. C (100.4 DEG. F).
KEEP IN A COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS AND OPEN FLAMES.
KEEP CONTAINER TIGHTLY CLOSED UNTIL READY FOR USE.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EMPLOYERS SHOULD COMPLETE AN ASSESSMENT OF ALL WORKPLACES TO DETERMINE
THE NEED FOR, AND SELECTION OF, PROPER EXPOSURE CONTROLS AND PROTECTIVE
EQUIPMENT FOR EACH TASK PERFORMED.

HAZARDOUS COMPONENT(S)	ACGIH TLV	OSHA PEL	AIHA WEL	OTHER
GLYCERYL ESTER	NONE	NONE	NONE	NONE
POLYGLYCOL DIMETHACRYLATE	NONE	NONE	NONE	NONE
DIMETHACRYLATE ESTER	NONE	NONE	NONE	NONE
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	10 MG/M3 TWA INHALABLE DUST	20 MPPCF TWA	NONE	NONE
	3 MG/M3 TWA RESPIRABLE FRACTION	0.8 MG/M3 TWA		
SACCHARIN	NONE	NONE	NONE	NONE
CUMENE HYDROPEROXIDE	NONE	NONE	1 PPM (6 MG/M3) TWA (SKIN)	NONE
CUMENE	50 PPM TWA	50 PPM	NONE	NONE

(245 MG/M3)
PEL
(SKIN)

ENGINEERING CONTROLS:
PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION TO MAINTAIN WORKER EXPOSURE BELOW EXPOSURE LIMITS.

RESPIRATORY PROTECTION:
USE NIOSH APPROVED RESPIRATOR IF THERE IS POTENTIAL TO EXCEED EXPOSURE LIMIT(S).

EYE/FACE PROTECTION:
SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS. FULL FACE PROTECTION SHOULD BE USED IF THE POTENTIAL FOR SPLASHING OR SPRAYING OF PRODUCT EXISTS. SAFETY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.

SKIN PROTECTION:
USE CHEMICAL RESISTANT, IMPERMEABLE CLOTHING INCLUDING GLOVES AND EITHER AN APRON OR BODY SUIT TO PREVENT SKIN CONTACT.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID, GEL

COLOR: PURPLE

ODOR: MILD

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT AVAILABLE.

VAPOR PRESSURE: <5 MMHg (27 DEG. C (80.6 DEG. F))

BOILING POINT/RANGE: >149 DEG. C (>300.2 DEG. F)

MELTING POINT/RANGE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.1529

VAPOR DENSITY: NOT AVAILABLE.

FLASH POINT: >93 DEG. C (>199.4 DEG. F) TAGLIABUE CLOSED CUP

FLAMMABLE/EXPLOSIVE LIMITS - LOWER: NOT AVAILABLE.
FLAMMABLE/EXPLOSIVE LIMITS - UPPER: NOT AVAILABLE.

AUTOIGNITION TEMPERATURE: NOT AVAILABLE.

EVAPORATION RATE: NOT AVAILABLE.

SOLUBILITY IN WATER: SLIGHT

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE.

VOC CONTENT: 54.33%; 621 G/L

VISCOSITY: NOT AVAILABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

10. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USE.

HAZARDOUS REACTIONS:
NONE UNDER NORMAL PROCESSING. POLYMERIZATION MAY OCCUR AT ELEVATED TEMPERATURE OR IN THE PRESENCE OF INCOMPATIBLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON. OXIDES OF NITROGEN. OXIDES OF SULFUR. IRRITATING ORGANIC FRAGMENTS.

INCOMPATIBLE MATERIALS:
STRONG OXIDIZING AGENTS. REDUCING AGENTS. ACIDS. BASES. RUST. ZINC. ALUMINUM. IRON. COPPER. ALKALIS. ALDEHYDES. AMINES. FREE RADICAL INITIATORS. PEROXIDES.

REACTIVITY: NOT AVAILABLE.

CONDITIONS TO AVOID:
ELEVATED TEMPERATURES. HEAT. FLAMES. SPARKS AND OTHER SOURCES OF IGNITION. EXPOSURE TO SUNLIGHT. STORE AWAY FROM INCOMPATIBLE MATERIALS.

11. TOXICOLOGICAL INFORMATION

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, EYES, INGESTION

POTENTIAL HEALTH EFFECTS/SYMPTOMS:

INHALATION:
INHALATION OF VAPORS OR MISTS OF THE PRODUCT MAY BE IRRITATING TO THE RESPIRATORY SYSTEM.

SKIN CONTACT: CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL TRACT IRRITATION IF SWALLOWED.

HAZARDOUS COMPONENT(S)	LD50S AND LC50S	IMMEDIATE AND DELAYED HEALTH EFFECTS
GLYCERYL ESTER	ORAL LD50 (RAT): 3,000 MG/KG DERMAL LD50 (RABBIT): >5 G/KG INHALATION LC50 (RAT, 4 H): >1,721 MG/L	IRRITANT
POLYGLYCOL DIMETHACRYLATE	NONE	ALLERGEN, IRRITANT
DIMETHACRYLATE ESTER	NONE	IRRITANT, ALLERGEN

SILICA, AMORPHOUS, FUMED, NONE
CRYSTAL-FREE

NUISANCE DUST

SACCHARIN NONE

NO 'TARGET' ORGANS

CUMENE HYDROPEROXIDE NONE

ALLERGEN, CENTRAL
NERVOUS SYSTEM,
CORROSIVE, IRRITANT,
MUTAGEN

CUMENE ORAL LD50 (RAT):
2,291 G/KG

CENTRAL NERVOUS SYSTEM,
IRRITANT, LUNG

ORAL LD50 (RAT):
1,400 MG/KG

INHALATION LC50
(RAT, 4 H): 8000 PPM

HAZARDOUS COMPONENT(S) NTP CARCINOGEN IARC CARCINOGEN OSHA CARCINOGEN
(SPECIFICALLY REGULATED)

GLYCERYL ESTER	NO	NO	NO
POLYGLYCOL DIMETHACRYLATE	NO	NO	NO
DIMETHACRYLATE ESTER	NO	NO	NO
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	NO	NO	NO
SACCHARIN	NO	NO	NO
CUMENE HYDROPEROXIDE	NO	NO	NO
CUMENE	NO	GROUP 2B	NO

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

INFORMATION PROVIDED IS FOR UNUSED PRODUCT ONLY.

RECOMMENDED METHOD OF DISPOSAL:
FOLLOW ALL LOCAL, STATE, FEDERAL AND PROVINCIAL REGULATIONS FOR DISPOSAL.

HAZARDOUS WASTE NUMBER: NOT A RCRA HAZARDOUS WASTE.

14. TRANSPORT INFORMATION

THE TRANSPORT INFORMATION PROVIDED IN THIS SECTION ONLY APPLIES TO THE MATERIAL/FORMULATION ITSELF, AND IS NOT SPECIFIC TO ANY PACKAGE/CONFIGURATION.

U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR):
PROPER SHIPPING NAME: NOT REGULATED
HAZARD CLASS OR DIVISION: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA):
PROPER SHIPPING NAME: NOT REGULATED
HAZARD CLASS OR DIVISION: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

WATER TRANSPORTATION (IMO/IMDG):
PROPER SHIPPING NAME: NOT REGULATED
HAZARD CLASS OR DIVISION: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

15. REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION:

TSCA 8 (B) INVENTORY STATUS:
ALL COMPONENTS ARE LISTED OR ARE EXEMPT FROM LISTING ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY.

TSCA 12 (B) EXPORT NOTIFICATION: NONE ABOVE REPORTING DE MINIMIS

CERCLA/SARA SECTION 302 EHS: NONE ABOVE REPORTING DE MINIMIS

CERCLA/SARA SECTION 311/312: IMMEDIATE HEALTH, DELAYED HEALTH

CERCLA/SARA SECTION 313:
THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 (40 CFR 372). SACCHARIN (CAS# 81-07-2). CUMENE HYDROPEROXIDE (CAS# 80-15-9).

CERCLA REPORTABLE QUANTITY:
CUMENE HYDROPEROXIDE (CAS# 80-15-9): 10 LBS. (4.54 KG)

CALIFORNIA PROPOSITION 65:
THIS PRODUCT CONTAINS A CHEMICAL KNOWN IN THE STATE OF CALIFORNIA TO CAUSE CANCER. THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CANADA REGULATORY INFORMATION:

CEPA DSL/NDSL STATUS:
ALL COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE CANADIAN DOMESTIC SUBSTANCES LIST.

16. OTHER INFORMATION

THIS SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION IN SECTIONS: NEW SAFETY DATA SHEET FORMAT.

PREPARED BY: SHEILA GINES, REGULATORY AFFAIRS SPECIALIST

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