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Product Identification
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Product ID:PRIMER 1086

MSDS Date:12/02/1999

FSC:8040

NIIN:01-015-3805

Status Code:A

MSDS Number: CKZPP

=== Responsible Party ===

Company Name:CHOMERICS, INC.

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:617-935-4850

Emergency Phone Num:617-938-8630

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:18565

=== Contractor Iden

tification ===

Company Name:PARKER HANNIFIN CORPORATION CHOMERICS DIVISION

Address:77 DRAGON COURT

Box:City:WOBURN

State:MA

ZIP:01888

Country:US

Phone:617-935-4850

CAGE:18565

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Composition/Information on Ingredients
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Ingred Name:V.M.&P. NAPHTHA

CAS:8032-32-4

RTECS #:OI6180000

Minumum % Wt:60.

Maxumum % Wt:70.

ACGIH TLV:1370 MG/M3;300 PPM

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

Minumum % Wt:15.

Maxumum % Wt:20.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:188 MG/M3;50

PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SILICONE (PROPRIETARY)
Minumum % Wt:10.
Maxumum % Wt:15.

Ingred Name:ALKYL SILICATE (PROPRIETARY)
< Wt:5.

Ingred Name:N-BUTANOL
CAS:71-36-3
RTECS #:EO1400000
< Wt:5.
OSHA PEL:300 MG/M3;100 PPM
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE CO
NTACT: CONTAINS MATERIALS

IRRITATING TO THE EYES. SYMPTOMS MAY INCLUDE BLURRED VISION,
BURNING SENSATION AND TEARING. SKIN CONTACT: CONTAINS MATERIALS
WHICH CAUSE MODERATE SKIN IRRITATION. INHALATION: HIGH VAPOR
CONCENTRATIONS MAY CAUSE RESPIRATORY IRRITATION, HEADACHES, NAUSEA,
DIZZINESS; MAY CAUSE ANESTHETIC EFFECTS OF OTHER TEMPORARY CENTRAL
NERVOUS SYSTEM EFFECTS. INGESTION: HARMFUL IF SWALLOWED.

Medical Cond Aggravated by Exposure:

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===== First Aid Measures =====

First Aid:EYE CONTACT: FLUSH EYES THOROUGHLY WITH WATER FOR AT LEAST 15
MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN
CONTACT: REMOVE ANY CONTAMINATED CLOTHING AND FLUSH THE EFFECTED
AREA OF THE SKIN THOROUGHLY WITH PLENTY OF WATER.INHALATION:
REMOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS
DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. INGESTION:
DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS

AND ALERT, DILUTE
BY GIVING WATER TO DRINK;

===== Fire Fighting Measures =====

Flash Point Method:CALC

Flash Point:=15.C, 59.F

Lower Limits:1%

Upper Limits:7%

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:FIREFIGHTERS/RESCUE PERSONNEL SHOULD WEAR POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT, COOL EXPOSED CONTAINERS WITH WATER TO PREVENT PRESSURE BUILDUP. IF

LARGE Q UNTITIES OF MATERIAL ARE INVOLVED, EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS. VAPORS MAY FORM FLAMMABLE MIXTURES WITH AIR. VAPORS FROM THIS PRODUCT ARE HEAVIER TH AN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILLS:ACTIVATE ALL EXPLOSION-PROOF EXHAUST VE

NTILATION IN THE IMMEDIATE SPILL AREA.EXTINGUISH OPEN

FLAMES AND ELIMINATE ALL OTHER SOURCES OF IGNITION. LARGE SPILLS: EVACUATE ALL PERSONNEL NOT D IRECTLY INVOLVED WITH CONTROL/CLEANUP OPERATIONS FROM THE IMMEDIATE SPILL AREA. LARGE SPILLS: EVACUATE PERSONNEL NOT INVOLVED WITH CLEAN UP.

===== Handling and Storage =====

Handling and Storage Precautions:EMPLOYEES MUST BE PROPERLY TRAINED IN SAFE HANDLING OF THIS PRODUCT PRIOR TO USE.STORE IN A COOL, DRY LOCATION WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:PROVIDE EFFECTIVE EXPLOSION-PROOF MECHANICAL EXHAUST VENTILATION TO DRAW VAPORS,MISTS, OR FUMES GENERATED DURING PROCESSING AWAY FROM THE WORKER AND PREVENT ROUTINE INHALATION.

Ventilation:MUST BE SUFFICIENT TO MAINTAIN AIR-BORNE CONCENTRATIONS OF SECTION 2 INGREDIENTS BELOW THEIR PEL/TL

V VALUES.

Protective Gloves:WEAR APPROPRIATE PROTECTIVE GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection:SAFETY GALSSES, SPLASH-PROOF CHEMICAL GOGGLES.

Work Hygienic Practices:NORMAL WORK CLOTHING SHOULD BE WASHED BEFORE RE-USE. WASH HANDS AND FACE THOROUGHLY AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health

EMERGENCY EYE WASH FACILI-TIES AND SAFETY SHOWER SHOULD BE AVAILABLE.

===== Physical/Chemical Properties =====

Boiling Pt:=98.9C, 210.F

Vapor P

res:(MM HG @ 25 C): 25

Vapor Density:HEAVIER

Volatile Org Content %:95

Spec Gravity:(WATER=1):0.77

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT-COLORED LIQUID, SOLVENT ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH STRONG OXIDIZERS, ACIDS, BASES

Stability Condition to Avoid:AVOID STORAGE IN OPEN CONTAINERS, EXPOSURE TO OPEN FLAME OR UNCONTROLLED EXPOSURE TO HEAT, UNCONTROLLED MIXING WITH

CURING AGENTS OR EXPOSURE TO INCOMPATIBLE SUBSTANCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,OXIDES OF SILICON, AND OTHER ORGANIC SUB. STANCES MAY BE FORMED DURING COMBUSTION.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF AS AN IGNITABLE WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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