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Product Identification  
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Product ID:CHO-BOND PRIMER 1086(DOW CORNING 1204 PRMR)

MSDS Date:07/20/1987

FSC:8040

NIIN:01-015-3805

MSDS Number: BGDMY

=== Responsible Party ===

Company Name:DOW CORNING CORP.

Address:SOUTH SAGINAW RD.

City:MIDLAND

State:MI

ZIP:48686

Country:US

Info Phone Num:517-496-5900

Emergency Phone Num:517-496-5900

Preparer's Name:JACK L. SHENEBERGER

CAGE:5D028

=== Contractor Identification ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Phone:517-496-6000/517-496-6315

CAGE:5D028

Company Name:DOW CORNING CORP

Address:2200 W SALZBURG RD

Box:City:AUBURN

State:MI

ZIP:48611

Country:US

Phone:517-496-4388

CAGE:71984

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:NAPHTHA (PETROLEUM SPIRITS OR BENZIN)

CAS:8030-30-6

RTECS #:SE7555000

Fraction by Wt: 65%

OSHA PEL:100 PPM

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 19%.

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA III)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 2%.

OSHA PEL:100 PPM

ACGIH TLV:S, C 50 PPM; 9293

EPA R

pt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:2-METHOXYETHYLORTHOSILICATE(EXPOSURE LIMITS BASED ON  
2-METHOXYETHANOL FORMATION VIA HYDROLYSIS(WATER/HUMID AIR)).

Fraction by Wt: 4%.

OSHA PEL:25 PPM

ACGIH TLV:S, 5 PPM

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE,SKIN & RESPIRATORY

IRRITANT; INHAL: SHORT VAPOR

EXPOSURE MAY CAUSE DROWSINESS.

CHRONIC: POSSIBLE INJURY TO BLOOD,LUNGS,LIVER,KIDNEYS & NERVOUS

SYSTEM DEPENDING ON CONC. & EXPOSURE LENGTH. 2 -METHOXYETHANOL MAY

FORM UPON HYDROLYSIS & IS ABLE TO CAUSE ANIMAL BIRTH DEFECT

Effects of Overexposure:EYES:DIRECT CONTACT IRRITATES;MAY BE SERIOUS

W/REDNESS,SWELLING,& SOME CORNEAL INJURY LASTING SEVERAL DAYS TO A

WEEK; SKIN:NO KNOWN ADVERSE EFFECT FOR SINGLE RELATIVELY SHRT

EXPOS.;SEVERAL REPTD. PROL NGD EXPOS(24-48HR) MAY IRRITA

TE;

INHAL:SHORT VAPOR EXPOS. MAY CAUSE DROWSINESS & IRRITATE  
NOSE/THROAT; ORAL:MAY INJURE!

Medical Cond Aggravated by Exposure:PROLONGED TOLUENE OVEREXPOSURE MAY  
INJURE BLOOD, LUNGS, LIVER, KIDNEYS & NERVOUS SYSTEM & MAY  
AGGRAVATE EXISTING EYE, SKIN & RESPIRATORY DISORDERS.

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

First Aid:EYES: IMMEDIATELY FLUSH W/WATER. GET IMMEDIATE MEDICAL ATTN;  
SKIN: IMMEDIATELY WIPE OFF & FLUSH W/WATER.; INHAL: REMOVE TO F  
RESH  
AIR. GET IMMEDIATE MEDICAL ATTN IF ILL EFFECTS PERSIST.; ORAL: GET  
IMME D. MEDICAL ATTN. IF LARGE AMTS. SWALLOWED. DO NOT INDUCE  
VOMITING. NOTE:INHALING LIQUID WHILE VOMITING CAN INJURE LUNGS  
SERIOUSLY. KEEP HEAD LOWER THAN HIPS TO PRVT LIQ. ASPIRATION TO  
LNG.

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

Flash Point Method:CC

Flash Point:59F/15C

Lower Limits:1. %

Upper Limits:7. %

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOA  
M

Fire Fighting Procedures:SELF-CONTND BRTHNG APPART. & PROTECTIVE  
CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR & CAN TRAVEL  
ALONG GROUND TO REMOTE IGNITION SOURCES.

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

Spill Release Procedures:REMOVE ALL IGNITION SOURCES & WEAR PROPER  
PROTECTION EQUIPMENT. FOR SPILL, USE ABSORBENT MATERIAL TO COLLECT  
& CONTAIN FOR SALVAGE OR DISPOSAL.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED & AWAY FROM  
HEAT, SPARKS, & OPEN FLAME.

Other Precautions:STATIC ELECTRICITY MAY ACCUMULATE & CREATE A FIRE  
HAZARD. GROUND FIXED EQUIPMENT. BOND & GROUND TRANSFER CONTAINERS &  
EQUIPMENT.

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

Respiratory Protection:ORGANIC VAPOR TYPE. //USE RESPIRATORY PROTECTION  
UNLESS LOCAL EXHAUST VENTILATION IS A

DEQUATE OR AIR SAMPLING DATA

SHOW EXPOSURES ARE WITHIN TLV & PEL GUIDELINES.

Ventilation:LOCAL EXHAUST & GENERAL MECHANICAL VENTILATION:  
RECOMMENDED.

Protective Gloves:USE IMPERVIOUS TYPE: PVC/NITRILE

Eye Protection:USE CHEMICAL WORKER GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING: APRONS, BOOTS, ETC.

Work Hygienic Practices:REMOVE GROSS AMT. OF ANY CHEMICAL FROM SKIN AS  
SOON AS PRACTICAL,ESPECIALLY BEFORE EATING OR SMOKING.

Supplemental Safety and Health

NOTE: AVOID BREATHI

NG VAPORS & EYE & SKIN CONTACT. USE ONLY W/ADEQUATE  
VENTILATION. DO NOT TAKE INTERNALLY.

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

Boiling Pt:B.P. Text:210F/99C

Vapor Pres:25 MM

Vapor Density:>1

Spec Gravity:0.77 @ 77F

Evaporation Rate & Reference:(ETHER = 1), < 1.

Appearance and Odor:LIQUID, LIGHT STRAW; SOLVENT ODOR

Percent Volatiles by Volume:95.

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

Stability Indicator/Materials to Avoid:YE

S

OXIDIZING MATERIAL CAN CAUSE REACTION. WATER OR MOISTURE.

Stability Condition to Avoid:EXPOSURE TO AIR UNTIL READY TO USE.

Hazardous Decomposition Products:METAL OXIDES, SILICON DIOXIDE, CARBON  
DIOXIDE, & TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods:REVIEW ALL LOCAL,STATE & FEDERAL REGULATIONS  
CONCERNING HEALTH & POLLUTION TO DETERMINE APPROVED DISPOSAL  
PROCEDURES. CONTACT DOW-CORNING IF  
THERE ARE ANY DISPOSAL  
QUESTIONS.

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