

W R GRACE & CO, EMERSON & CUMINGS, INC -- ECCOSIL PRIMER S-11 CLEAR -- 8040-00-148-7092

===== Product Identification =====

Product ID:ECCOSIL PRIMER S-11 CLEAR

MSDS Date:07/11/1990

FSC:8040

NIIN:00-148-7092

MSDS Number: BMZBD

=== Responsible Party ===

Company Name:W R GRACE & CO, EMERSON & CUMINGS, INC

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:617-828-3300

Emergency Phone Num:617-935-4850 / 617-938-8630

Preparer's Name:DA

VID HAAS

CAGE:FO915

=== Contractor Identification ===

Company Name:GRACE W R & CO EMERSON & CUMING DEWEY & ALMY CHEM

Address:869 WASHINGTON ST

City:CANTON

State:MA

ZIP:02021-2513

Country:US

Phone:617-935-4850

CAGE:04552

Company Name:W R GRACE & CO, DEARBORN DIV

Address:300 GENESEE STREET

City:LAKE ZURICH

State:IL

ZIP:60047

Phone:(312) 438-8241

CAGE:FO915

===== Composition/Information on Ingredients =====

Ingred Name:ALIPHATIC PETROLEUM NAPHTHA

CAS:8032-32-4

RTECS #:OI6180000

Fraction by Wt: 80-90%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:300 PPM

Ingred Name:METHYL CELLOSOLVE ORTHOSILICATE
CAS:2157-45-1
Fraction by Wt: 3-7%
Other REC Limits:NONE SPECIFIED

Ingred Name:TETRAPROPYLORTHOSILICATE
CAS:682-01-9
Fraction by Wt: 3-7%
Other REC Limits:NONE SPECIFIED

Ingred Name:PROPRIETARY COMPONENT
Fraction by Wt: 3-7%
Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL CELLOSOLVE (SARA III)
CAS:109-86-4
RTECS #:KL5775000
Other REC Limits:NONE SPECIFIED
O
SHA PEL:25 PPM
ACGIH TLV:5 PPM

Ingred Name:PROPANOL
CAS:71-23-8
RTECS #:UH8225000
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM

Ingred Name:N-BUTANOL
CAS:71-36-3
RTECS #:EO1400000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 540.5 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Health Hazards Acute and Chro

nic:EYE: IRRITATING TO EYES. SKIN:

MODERATE IRRITATION, DERMATITIS. INHALATION: RESPIRATORY IRRITATION, ANESTHETIC EFFORTS OR OTHER TEMPORARY CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: HARMFUL. CHRONIC: BIRTH DEFECTS & DELAYED FETAL DEVELOPMENT (ANIMAL STUDIES). BLOOD DISORDERS KIDNEY/TESTES INJURY.

Effects of Overexposure:EYE: BLURRED VISION, BURNING SENSATION & TEARING. SKIN: DEFATTING, DRYING. INHALATION: HEADACHES, NAUSEA, DIZZINESS.

Medical Cond Aggravated by Exp

posure:EXPOSURE MAY AGGRAVATE PREEXISTING SKIN, EYE &/OR RESPIRATORY DISORDERS.

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

First Aid:EYE: FLUSH W/WTR 15 MIN HOLD EYELIDS OPEN. GET MED AID. SKIN: REMOVE ANY CONTAM CLOTH & FLUSH W/PLENTY WATER. FOLLOW BY WASHING W/SOAP & WATER. GET MED ATTN IF IRRIT PERSISTS. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATH DIFFICULT. GIVE ARTIF RESP IF NOT BREATHING. GET IMMED MED AID. INGEST: DON'T INDUCE VOMIT. I

F ALERT,
DRINK WATER. NEVER ANYTHING BY MOUTH TO UNCONSCIOUS/CONVULSING.
CALL DR.

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

Flash Point Method:CC

Flash Point:67.0F,19.4C

Lower Limits:1.0

Upper Limits:6.0

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

Fire Fighting Procedures:DECOMP & COMBUST PROD MAY BE TOXIC. CLSD CNTNRS MAY VIOLENT RUPTURE W/FIRE COND. VAPOR MAY FORM FLAMM MIXS W/AIR. VAPOR HEAVIER THAN AIR MAY TRAVEL/FLASHBACK.

Unusual

Fire/Explosion Hazard:WEAR POS PRESS SCBA & FULL PROTECT EQUIP.
USE WTR TO COOL EXPOS CNTNRS (PREVENT PRESS BLDUP). IF LRG QTY OF MAT'L ARE INVOLVED, EVAC AREA, FIGHT FIRE FROM DIST.

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

Spill Release Procedures:MUST BE IN ACCORD W/PROVISIONS OF OSHA 29CFR1910.120. SMALL: EXPLOS PROOF VENT. ELIM IGNIT SOURCE. WIPE UP OR ABSORB W/VERMICULITE ETC. WASH AREA W/SOAPY WTR. COLLECT ABSORBED MAT'L & WTR RINSES IN CH

EM CNTNRS. LARGE: EVAC
NON-ESSENTIAL PERSONNEL.
Neutralizing Agent:N/K EXTINGUISH FLAMES/IGNIT SOURCE. EXPLOS PROOF
VENT. STOP LEAK IF NO RISK.

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

Handling and Storage Precautions:SPECIFIC SAFE HANDLING PROCEDURES
SHOULD BE DEVELOPED BY PERSON KNOWLEDGEABLE IN INTENDED USAGE
CONDITION/EQUIPMENT.

Other Precautions:EMPLOYEES MUST BE TRAINED IN SAFE HANDLING OF THIS
PRODUCT PRIOR TO USE. PREVENT EYE CONTACT AND M
INIMIZE SKIN
CONTACT.

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

Respiratory Protection:USE AN APPROPRIATE, PROPERLY FITTED RESPIRATOR
IF EXPOSURES EXCEED PEL/TLV VALUES. TYPE OF RESPIRATORY PROTECTION
SELECTED WILL DEPEND UPON THE CONDITIONS OF USE. OBSERVE OSHA
REGULATIONS FOR RESPIRATORY PROTECTION 29 CFR 1910.134.

Ventilation:PROVIDE EFFECT EXPLOS PROOF MECHAN EXHAUST VENT TO DRAW
VAPOR/MIST/FUME GENERATED DURING PROCESS. SUFF VENT TO KEEP TLV.

Protective Gloves:WEAR APPROPRIATE PROTECTIVE GLOVES.

Eye Protection:SFTY GLASSES, SPLSH GOGGLES, FACE SHIELD

Other Protective Equipment:IF NECESSARY, CHEM RESISTANT APRON &
ADDITIONAL IMPERVIOUS CLOTHING. EMERGENCY EYE WASH FACILITIES &
SAFETY SHOWERS.

Work Hygienic Practices:WASH NORMAL WORK CLOTHING OR CONTAMINATED
CLOTHING BEFORE REUSE. WASH HANDS/FACE BEFORE EATING, DRINKING OR
SMOKING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====
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HCC:F3

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

Vapor Pres:25 @ 25 C

Vapor Density:> AIR

Spec Gravity:0.76 (WATER=1)

Solubility in Water:INSOLUBLE.

Appearance and Odor:CLEAR LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:95

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZER, ACID, BASE. AVOID STOR W/FLAME/ UNCONTROLLED EXPOS TO
HEAT/UNCONTROLLED MIX W/CURE AGENT/INCOMPATIBLE.

Stability Condition to Avoid:EXPO

SURE TO HUMID AIR MAY LIBERATE 2-METHYLOXETHANOL, N-PROPANOL, AND N-BUTANOL AS A RESULT OF HYDROLYSIS.

Hazardous Decomposition Products:CO, CO₂, SILICON OXIDES & OTHER ORGANIC SUBSTANCES MAY BE FORMED DURING COMBUST. PROD VARY DEPENDING UPON COMBUST CONDS.

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

Waste Disposal Methods:DISPOSE OF AS AN IGNITABLE WASTE IN ACCORDANCE W/ FEDERAL, STATE & LOCAL REGS. USE EXPOS PROOF EQUIP. DIKE. PREVENT ENTRY INTO SEWERS/WATERWAYS. COLLECT SPILL FOR SALV/DISPOSAL. APPLY ABSORB. WASH W/ SOAPY WTR. COLLECT WTR RINSES IN WASTE CNTNRS.

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