

CLICK BOND DIV OF PHYSICAL SYSTEMS INC -- CB200(COMPONENTB) -- 8040-01-422-3958

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Product Identification  
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Product ID:CB200(COMPONENTB)

MSDS Date:02/10/1999

FSC:8040

NIIN:01-422-3958

Status Code:A

MSDS Number: CLLL

=== Responsible Party ===

Company Name:CLICK BOND DIV OF PHYSICAL SYSTEMS INC

Address:2151 LOCKHEED WAY

City:CARSON CITY

State:NV

ZIP:89701-0713

Country:US

Info Phone Num:775-

885-8000

Emergency Phone Num:800-255-3924

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:66530

=== Contractor Identification ===

Company Name:CLICK BOND DIV OF PHYSICAL SYSTEMS INC

Address:2151 LOCKHEED WAY

Box:City:CARSON CITY

State:NV

ZIP:89701-0713

Country:US

Phone:775-885-8000

CAGE:66530

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Composition/Information on Ingredients  
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Ingred Name:AMINE CURATIVE PROPRIETARY

&lt; Wt:2.

Ingred Name:METHACRYLATE PHOSPHATE ESTER PROPRIETARY

&lt; Wt:5.

Ingred Name:METHACRYLIC ACID  
CAS:79-41-4  
RTECS #:OZ2975000  
&lt; Wt:10.  
ACGIH TLV:70 MG/M3;20 PPM

Ingred Name:METHYL METHACRYLATE  
CAS:80-62-6  
RTECS #:OZ5075000  
= Wt:55.  
OSHA PEL:410 MG/M3;100 PPM  
ACGIH TLV:410 MG/M3;100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:N,N-DIMETHYLANILINE  
CAS:121-69-7  
RTECS #:BX4725000  
&lt; Wt:2.  
OSHA PEL:25 MG/M3;5 PPM  
ACGIH TLV:25 MG/M3;5 PPM  
ACGIH STEL:50 MG/M3;10 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
Code:F  
RTE  
CS #:ZH4810000  
&lt; Wt:2.  
OSHA PEL:15 MG/M3

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

LD50 LC50 Mixture:NONE

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

Health Hazards Acute and Chronic:SKIN CONTACT: SKIN ABSORPTION:

INHALATION: INGESTION: EYE CONTACT:Explanation of

Carcinogenicity:NONE

Effects of Overexposure:EYE CONTACT: CAUSES EYE IRRITATION. SKIN

CONTACT: MAY BE ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS. MAY  
CAUSE SKIN SENSITIZATIO

N. MAY CAUSE DERMATITIS. CAUSES SKIN IRRITATION. INHALATION: MAY CAUSE HEADACHE AND NAUSEA. CAUSES RESPIRATORY TRACT IRRITATION. INGESTION: HARMFUL IF SWALLOWED. INGESTION IS NOT AN EXPECTED ROUTE OF ENTRY IN INDUSTRIAL OR COMMERCIAL USES.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYE CONTACT: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.SKIN CONTACT: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. INHALATION: MOVE PERSON TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE VICTIM ONE OR TWO GLASSES OF WATER OR MILK.

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

Flash Point Method:SCC

Flash Point:=-18.C, 64.4F

Lower Limits:1

Upper Limits:8.8

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures:WEAR FULL FIREFIGHTING PROTECTIVE CLOTHING, INCLUDING SELF CONTAINED BREATHING APPARATUS (SCBA). IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND PARTICULATE MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID AND VAPOR. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAME, OTHER SOURCES OF IGNITION. CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

Spill Release Procedures:KEEP NON-ESSENTIAL PERSONNEL A SAFE DISTANCE AWAY FROM THE SPILL AREA. REMOVE ALL SOURCES OF IGNITION (FLAME, HOT SURFACES, AND ELECTRICAL, STATIC, OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS USE SELF CONTAINED BREATHING EQUIPMENT. NOTIFY APPROPRIATE AUTHORITIES IF NECESSARY. AVOID CONTACT, USING NON-SPARKING TOOLS, SCOOP THE SPILLED MATERIAL INTO A CONTAINER

R FOR  
PROPER DISPOSAL.  
Neutralizing Agent:NONE

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Handling and Storage  
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Handling and Storage Precautions:KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL.AVOID SKIN AND EYE CONTACT. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN RE AD AND UNDERSTOOD.STORE ONLY

Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respirato

ry Protection:CONTAINS A SMALL AMOUNT OF DIMETHYLANILINE (DMA) WHICH HAS POOR ODOR-WARNING PROPERTIES. IF THE EXPOSURE LIMIT FOR DMA IS EXCEEDED, AN AIR-SUPPLIED RESPIRATOR IS RECOMMENDED OTHERWISE, A PROPERLY -FIT TED ORGANIC VAPOR, AIR PURIFYING EXCEEDED, USE A NIOSH/MSHA APPROVED AIR PURIFYING ORGANIC VAPOR RESPIRATOR.

Ventilation:SUFFICIENT VENTILATION IN PETTERN AND VOLUME SHOULD BE PROVIDED IN ORDER TO MAINTAIN AIR CONTAMINANT LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:USE NEOPRENE, NITRILE, OR RUBBER GLOVES TO PREVENT SKIN CONTACT.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS AND CHEMICAL GOGGLES.

Other Protective Equipment:REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING TOILET FACILITY.

Supplemental Safety and Health  
NONE

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:214-379 F

Melt/Freeze Pt:M.P/F.P Tex

t:NONE  
Decomp Temp:Decomp Text:NONE  
Vapor Density:HEAVIER  
Spec Gravity:1.04  
Evaporation Rate & Reference:IS SLOWER THAN ETHER  
Solubility in Water:INSOLUBLE  
Appearance and Odor:OFF-WHITE LIQUID SWEET  
Percent Volatiles by Volume:0.0%

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

Stability Indicator/Materials to Avoid:YES  
INORGANIC ACIDS, ORGANIC ACIDS, CAUSTICS, AMINES, PEROXIDES,  
POLYMERIZATION INHIBITORS.  
Stability Condition to Avoid:STORAGE ABOVE 100 F AND BELOW  
32 F  
EXPOSURE TO SUNLIGHT, ULTRAVIOLET LIGHT IRRADIATION. AVOID DROPPING  
OR PUNCTURE OF CONTAINERS.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.  
OXIDES OF NITROGEN.  
Conditions to Avoid Polymerization:WILL NOT OCCUR UNDER NORMAL  
CONDITIONS.

===== Toxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH  
FEDERAL (40 CFR PART 261 ). STATE AND LOCAL ENVIRONMENTAL CONTROL  
REGULATIONS. IF WASTE IS DETERMINED TO BE HAZARDOUS , USE LICENSED  
HAZARDOUS WASTE TRANSPORTER AND DISPOSAL FACILITY.

===== MSDS Transport Information =====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

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Regulatory Information =====

SARA Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE 111 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

Federal Regulatory Information: OSHA: HAZARDOUS BY DELINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

===== Other Information =====

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