

J T BAKER INC -- 9204, FLEXIBLE COLLODION -- 6505-01-035-2111

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

Product ID:9204, FLEXIBLE COLLODION

MSDS Date:10/03/1986

FSC:6505

NIIN:01-035-2111

MSDS Number: BPFHD

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:908-859-2151;800-42

4-9300(CHEMTREC)

CAGE:DO803

=== Contractor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:NITROCELLULOSE; (PYROXYLIN)

CAS:9004-70-0

RTECS #:QW0970000

Fraction by

Wt: 5-10%

Ingred Name:ETHYL ALCOHOL; (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: 20-30%  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM

Ingred Name:ETHANE, 1,1'-OXYBIS-;  
CAS:60-29-7  
RTECS #:KI5775000  
Fraction by Wt: 60-70%  
OSHA PEL:400 PPM;500 PPM STEL  
ACGIH TLV:400 PPM;500 PPM STEL  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion  
:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:VAPORS MAY BE IRRITATING TO EYES, NOSE  
AND THROAT. INHALATION MAY CAUSE HEADACHE, NAUSEA, VOMITING,  
DIZZINESS, NARCOSIS, SUFFOCATION, LOWER BLOOD PRESSURE, CENTRAL  
NERVOUS SYSTEM DEPRESSION. LIQUID MA Y BE IRRITATING TO SKIN AND  
EYES.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:CALL A PHYSICIAN. INGEST: DO NOT INDUCE VOMITING. INHAL:  
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.  
IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYE: FLUSH WITH PLENTY OF  
WATER FOR AT LEAST 15 MIN. SKIN: FLUSH SKIN WITHWATER.

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

Flash Point Method:CC  
Flash Point:-49F,-45C  
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON D

IOXIDE.

(WATER MAY BE INEFFECTIVE).

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP  
. MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK.  
USE WATER TO KEEP FIRE EXPOSED CNTNRS COOL.

Unusual Fire/Explosion Hazard:VAPS MAY FLOW ALONG SURF TO DISTANT  
IGNITION SOURCES & FLASH BACK. CLOSED CONTAINERS EXPOSED TO HEAT  
MAY EXPLODE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spil

I Release Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROT  
CLTHG. SHUT OFF IGNIT SOURCES; NO FLARES, SMOKING/FLAMES IN AREA.  
STOP LEAK IF CAN BE DONE WITHOUT RISK. USE H\*2O SPRAY TO REDUCE  
VAPS. TAKE UP W/SAND/OTHER N ON-COMBUST ABSORB MATL & PLACE INTO  
(SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:BOND AND GROUND CONTAINERS WHEN  
TRANSFERRING LIQUID. KEE  
P CONTAINER TIGHTLY CLOSED. STORE IN A  
COOL, DRY WELL-VENT, FLAMMABLE LIQUID STORAGE AREA.

Other Precautions:STORE IN LIGHT-RESISTANT CONTAINERS. AVOID CONTACT  
WITH EYES, SKIN, CLOTHING. AVOID BREATHING VAPOR.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQ VENT CNDTNS EXIST. IF  
AIRBORNE CONC IS HIGH, NIOSH/MSHA APPROVED CHEM CARTRIDGE RESP  
W/ORGANIC VAP CARTRIDGE IS REC. IF CONC EXCEEDS CAPACITY OF  
CARTRID

GE RESP, NIOSH/MSHA APP ROVED SCBA IS ADVISED.

Ventilation:USE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO KEEP  
VAPOR AND MIST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SPILL PROC: CONTAINER FOR LATER DISPOSAL. FLUSH AREA WITH WATER.

===== Physical/Chemical Properties

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Boiling Pt:B.P. Text:93.2F,34.0C  
Spec Gravity:0.77  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:PALE YELLOW, SYRUPY LIQUID WITH ODOR OF ETHER.  
Percent Volatiles by Volume:90

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, AMINES.  
Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION,  
LIGHT AND SHOCK.  
Hazardous Decomposition Products:NO  
\*X, HYDROGEN CYANIDE, CO, CO\*2.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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