

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.

=====

===== 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

=====

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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate an  
d  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.