

MAY 04 1994

**\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\***

Emergency Phone # : 1-800-424-9300

Information Phone#: (312)-581-1300

Latest Revision Date...02/18/93

**CHAPCO 400 COVE BASE ADHESIVE**

Print Date.....02/18/93

**SECTION 1 HAZARDOUS MATERIAL IDENTIFICATION SYSTEM**

HMIS..... 0 = MINIMAL; 1 = SLIGHT; 2 = MODERATE; 3 = SERIOUS; 4 = SEVERE

HEALTH HAZARD..... :1

FIRE HAZARD..... :0

REACTIVITY..... :0

PERSONAL PROTECTION... :B; GLOVES, GOGGLES

**SECTION 2 PRODUCT IDENTIFICATION**

MANUFACTURER'S NAME..... CHICAGO ADHESIVE PRODUCTS CO.

PRODUCT NAME OR NUMBER..... 400

TRADE NAME OR CHEMICAL NAME... CHAPCO 400 COVE BASE ADHESIVE

**SECTION 3 HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

CHEMICAL NAME(S)	CAS NUMBER	% WT	ACGIH-TWA	TLV-STEL	PEL	SEC.313
ETHYLENE GLYCOL	107-21-1	2.0	50 PPM	N/A	50 PPM	Yes
VM&P	64742-89-8	3.0	300 PPM	400 PPM	300 PPM	No
NON-HAZARDOUS CHEMICALS.....	.....	.....	.....	.....	.....	No
FILLER CLAY		52.0	N/A	N/A	N/A	No
LATEX POLYMER	N/A	20.0	N/A	N/A	N/A	No
HYDROCARBON RESIN	N/A	12.0	N/A	N/A	N/A	No
WATER	7732-18-5	6.0	N/A	N/A	N/A	No
EMULSIFIERS	N/A	3.0	N/A	N/A	N/A	No
MINERAL SPIRITS	64742-88-7	2.0	100 PPM	N/A	N/A	No

**SECTION 4 PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING/MELTING POINT @760 mm Hg... 212 DEGREES F.

pH..... 8.9 - 9.4

VAPOR PRESSURE mm Hg @20° C..... N/A

VAPOR DENSITY (Air = 1)..... N/A

PERCENT VOLATILE BY WEIGHT (%)..... N/A

SPECIFIC GRAVITY OR BULK DENSITY... 1.47

SOLUBILITY IN WATER..... DISPERSIBLE WHILE STILL WET

EVAPORATION RATE (BuAc = 1)..... N/A

APPEARANCE/ODOR..... OFF-WHITE PASTE; MILD SWEET ODOR

**SECTION 5 FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT °F (Test Method)..... NON-FLAMMABLE

FLAMMABLE LIMITS:

LEL..... N/A

UEL..... N/A

EXTINGUISHING MEDIA..... WILL NOT SUPPORT COMBUSTION

SPECIAL FIRE FIGHTING PROCEDURES... N/A

UNUSUAL FIRE &amp; EXPLOSION HAZARDS... PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS BOILING POINT.

**SECTION 6 REACTIVITY DATA**

PRODUCT STABILITY..... STABLE

Conditions to Avoid..... NONE KNOWN

CHEMICAL INCOMPATIBILITY..... OXIDIZING AGENTS

CHAPCO 400 COVE BASE ADHESIVE

SECTION 6

REACTIVITY DATA

CONT'D

HAZARDOUS DECOMPOSITION PRODUCTS... OXIDES OF CARON IF CO-BURNED WITH FLAMMABLE MATERIALS.  
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR  
Conditions to Avoid..... NONE KNOWN

SECTION 7

HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE

ROUTES OF ENTRY:..... INHALATION, INGESTION AND DIRECT DERMAL EXPOSURE.  
HEALTH HAZARDS..... INHALATION: ADVERSE HEALTH EFFECTS FROM VAPORS IN POORLY VENTILATED AREAS; MAY INCLUDE IRRITATION OF THE MUCOUS MEMBRANES OF THE NOSE, THROAT, RESPIRATORY TRACT AND SYMPTOMS OF HEADACHE AND NAUSEA.  
CARCINOGENICITY..... NO KNOWN EFFECTS  
SIGNS AND SYMPTOMS OF EXPOSURE.... NONE EXPECTED BUT EXCESSIVE INHALATION MAY CAUSE NAUSEA AND DIZZINESS.  
ACUTE EFFECTS OF OVEREXPOSURE..... HEADACHES, DIZZINESS, EYE, NOSE, THROAT AND LUNG DISTRESS FROM VAPORS. EYE CONTACT CAN CAUSE SEVERE EYE IRRITATION, REDNESS, TEARING, BLURRED VISION; CAN CAUSE RESPIRATORY IRRITATION AND GASTRIC DISTURBANCE.  
CHRONIC EFFECTS OF OVEREXPOSURE... PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND INFLAMMATION.  
EMERGENCY/FIRST AID PROCEDURES... SEVERE OVEREXPOSURE: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION OR OXYGEN. CALL PHYSICIAN IMMEDIATELY. EYES: FLUSH WITH WATER FOR FIFTEEN (15) MINUTES, LIFTING EYELIDS OCCASIONALLY. GET IMMEDIATE ATTENTION. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS, SEE PHYSICIAN IMMEDIATELY. INHALATION: SHOULD INHALATION PROBLEMS OCCUR, MOVE VICTIM TO FRESH AIR. AID IN BREATHING, IF NECESSARY, GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

SECTION 8

CONTROL MEASURES

RESPIRATORY PROTECTION..... NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.  
VENTILATION..... LOCAL EXHAUST; USE WITH ADEQUATE VENTILATION. OPEN DOORS AND WINDOWS. UTILIZE OTHER MEANS TO ENSURE FRESH AIR ENTRY AND EXHAUST.  
PROTECTIVE CLOTHING/GLOVES... IMPERVIOUS GLOVES  
EYE PROTECTION..... SAFETY GOGGLES RECOMMENDED  
OTHER PRECAUTIONS..... N/A  
WORK/HYGIENIC PRACTICES..... AVOID PROLONGED OR REPEATED SKIN CONTACT, OR WEAR IMPERVIOUS PROTECTIVE CLOTHING. THOROUGH WASHING OF SKIN AFTER WORK AND BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. WASH CLOTHING AFTER USE

SECTION 9

PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES..... SCRAPE UP AND PLACE IN A CLOSED CONTAINER.  
HAZARDOUS SUBSTANCE SUPERFUND.... N/A  
WASTE DISPOSAL METHOD..... MATERIAL SHOULD BE LAND FILLED ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.  
HAZARDOUS WASTE 40CFR261..... N/A  
PRECAUTIONS IN HANDLING/STORING... KEEP CONTAINER CLOSED AND STORE IN COOL PLACE. USE WITH ADEQUATE VENTILATION.  
OTHER PRECAUTIONS..... SUPPLY SUFFICIENT VENTILATION.

SECTION 10

SHIPPING DATA

D.O.T. PROPER SHIPPING NAME..... ADHESIVES  
HAZARDOUS SUBSTANCE 49CFR CERCLA... N/A  
HAZARD CODE..... N/A  
D.O.T. HAZARD CLASS..... N/A  
D.O.T. LABELS REQUIRED..... N/A  
D.O.T. PLACARDS REQUIRED..... N/A  
POISON CONSTITUENT..... N/A  
BILL OF LADING DESCRIPTION..... ADHESIVES  
CC NO..... N/A  
UN/NA CODE..... UN-1133  
CHEMICAL EMERGENCY..... CHEMTREC 24 HOUR: 1-800-424-9300



Chicago Adhesive Products Company

4658 West 60th Street, Chicago, Illinois 60629

Telephone: (312) 581-1300

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*  
 Emergency Phone # : 1-800-424-9300  
 Information Phone#: (312)-581-1300

Latest Revision Date...07/20/92  
 Print Date.....07/20/92

CHAPCO 750 CLEAR LATEX VCT ADHESIVE

SECTION 1 HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HMIS..... 0 = MINIMAL; 1 = SLIGHT; 2 = MODERATE; 3 = SERIOUS; 4 = SEVERE  
 HEALTH HAZARD..... :1  
 FIRE HAZARD..... :0  
 REACTIVITY..... :0  
 PERSONAL PROTECTION... :B; GLOVES AND GOGGLES

SECTION 2 PRODUCT IDENTIFICATION

MANUFACTURER'S NAME..... CHICAGO ADHESIVE PRODUCTS CO.  
 PRODUCT NAME OR NUMBER..... 750  
 TRADE NAME OR CHEMICAL NAME... CHAPCO 750 CLEAR LATEX VCT ADHESIVE

SECTION 3 HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL NAME(S)	CAS NUMBER	% WT	ACGIH-TWA	TLV-STEL	PEL	SEC.313
VM&P	64742-89-8	7.3	300 PPM	400 PPM	300 PPM	No
ETHYLENE GLYCOL	107-21-1	1.5	50 PPM	N/A	50 PPM	Yes

SECTION 4 PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING/MELTING POINT @760 mm Hg... 212 DEGREES F.  
 pH..... 8.5 TO 9.5  
 VAPOR PRESSURE mm Hg @20° C..... N/A  
 VAPOR DENSITY (Air = 1)..... N/A  
 PERCENT VOLATILE BY WEIGHT (%)..... N/A  
 SPECIFIC GRAVITY OR BULK DENSITY... 1.07  
 SOLUBILITY IN WATER..... DISPERSIBLE WHILE STILL WET  
 EVAPORATION RATE (BuAc = 1)..... N/A  
 APPEARANCE/ODOR..... BUFF COLOR - SWEET ODOR

SECTION 5 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method)..... NON-FLAMMABLE  
 FLAMMABLE LIMITS:..... N/A  
 LEL..... N/A  
 UEL..... N/A  
 EXTINGUISHING MEDIA..... WILL NOT SUPPORT COMBUSTION  
 SPECIAL FIRE FIGHTING PROCEDURES... NONE KNOWN  
 UNUSUAL FIRE & EXPLOSION HAZARDS... PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS BOILING POINT.

SECTION 6 REACTIVITY DATA

PRODUCT STABILITY..... STABLE  
 Conditions to Avoid..... NONE KNOWN  
 CHEMICAL INCOMPATIBILITY..... OXIDIZING AGENTS  
 HAZARDOUS DECOMPOSITION PRODUCTS... THERMAL DECOMPOSITION MAY FORM CARBON MONOXIDE  
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR  
 Conditions to Avoid..... NONE KNOWN

SECTION 7 HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE

ROUTES OF ENTRY:..... INHALATION, INGESTION AND DIRECT DERMAL EXPOSURE.  
 HEALTH HAZARDS:..... INHALATION: ADVERSE HEALTH EFFECTS FROM VAPORS IN POORLY VENTILATED AREAS; MAY INCLUDE IRRITATION OF THE MUCOUS MEMBRANES OF THE NOSE, THROAT, RESPIRATORY TRACT AND SYMPTOMS OF HEADACHE AND NAUSEA

CHAPCO 750 CLEAR LATEX VCT ADHESIVE

SECTION 7                      HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE                      CONT'D

CARCINOGENICITY..... NO KNOWN EFFECTS  
SIGNS AND SYMPTOMS OF EXPOSURE.... NONE EXPECTED BUT EXCESSIVE INHALATION MAY CAUSE NAUSEA AND DIZZINESS.  
ACUTE EFFECTS OF OVEREXPOSURE..... HEADACHES, DIZZINESS, EYE, NOSE, THROAT AND LUNG DISTRESS FROM VAPORS. EYE CONTACT CAN CAUSE SEVERE EYE IRRITATION, REDNESS, TEARING, BLURRED VISION; CAN CAUSE RESPIRATORY IRRITATION AND GASTRIC DISTURBANCE.  
CHRONIC EFFECTS OF OVEREXPOSURE... PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND INFLAMMATION.  
EMERGENCY/FIRST AID PROCEDURES.... SEVERE OVEREXPOSURE: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION OR OXYGEN. CALL PHYSICIAN IMMEDIATELY. EYES: FLUSH WITH WATER FOR FIFTEEN (15) MINUTES, LIFTING EYELIDS OCCASIONALLY. GET IMMEDIATE ATTENTION. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS, SEE PHYSICIAN IMMEDIATELY. INHALATION: SHOULD INHALATION PROBLEMS OCCUR, MOVE VICTIM TO FRESH AIR. AID IN BREATHING, IF NECESSARY, GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

SECTION 8    CONTROL MEASURES

RESPIRATORY PROTECTION..... NONE REQUIRED  
VENTILATION..... LOCAL EXHAUST; USE WITH ADEQUATE VENTILATION. OPEN DOORS AND WINDOWS. UTILIZE OTHER MEANS TO ENSURE FRESH AIR ENTRY AND EXHAUST.  
PROTECTIVE CLOTHING/GLOVES... RECOMMENDED  
EYE PROTECTION..... SAFETY GOGGLES RECOMMENDED  
OTHER PRECAUTIONS..... N/A  
WORK/HYGIENIC PRACTICES..... AVOID PROLONGED OR REPEATED SKIN CONTACT, OR WEAR IMPERVIOUS PROTECTIVE CLOTHING. THOROUGH WASHING OF SKIN AFTER WORK AND BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. WASH CLOTHING AFTER USE.

SECTION 9    PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES..... SCRAPE UP EXCESS. CLEAN WITH SOAPY WATER.  
HAZARDOUS SUBSTANCE SUPERFUND..... N/A  
WASTE DISPOSAL METHOD..... INCINERATE UNDER SAFE CONDITIONS OR IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.  
HAZARDOUS WASTE 40CFR261..... N/A  
PRECAUTIONS IN HANDLING/STORING... STORE IN ORIGINAL SEALED CONTAINERS AT TEMPERATURE NOT OVER 100 DEGREES F.  
OTHER PRECAUTIONS..... SUPPLY SUFFICIENT VENTILATION.

SECTION 10    SHIPPING DATA

D.O.T. PROPER SHIPPING NAME..... ADHESIVES  
HAZARDOUS SUBSTANCE 49CFR CERCLA... N/A  
HAZARD CODE..... N/A  
D.O.T. HAZARD CLASS..... N/A  
D.O.T. LABELS REQUIRED..... N/A  
D.O.T. PLACARDS REQUIRED..... N/A  
POISON CONSTITUENT..... N/A  
BILL OF LADING DESCRIPTION..... ADHESIVES  
CC NO..... N/A  
UN/NA CODE..... UN-1133  
CHEMICAL EMERGENCY..... CHEMTREC 24 HOUR: 1-800-424-9300