

MATERIAL DATA SAFETY SHEET

MFM BUILDING PRODUCTS CORP.
525 ORANGE STREET, COSHOCTON, OHIO 43812 (800)882-7663

INFORMATION & EMERGENCY NUMBERS 24 HOUR CHEMTREC (800) 424-9300

PRODUCT IDENTITY 90001

MFM SPRAY ADHESIVE

LAST REVISION DATE: 6/25/01
REVISION NUMBER: 001

HMIS RATING

ACUTE HEALTH: 2* FLAMMABILITY: 3 REACTIVITY: 0
HAZARD RATING: 0-MINIMAL 1-SLIGHT 2-MODERATE 3-HIGH 4-EXTREME *-CHRONIC

SECTION I - PRODUCT IDENTIFICATION

PRODUCT IDENTITY: 90001 SPRAY CAN
CHEMICAL NAME/FAMILY: N/A - MIXTURE

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS ARE LISTED IN THIS SECTION IF THEY ARE PRESENT AT OR ABOVE 1% IN THE MIXTURE. NTP, IARC AND OSHA CARCINOGENS ARE LISTED AND FOOTNOTED IF THEY ARE PRESENT AT OR ABOVE 0.1% IN THE MIXTURE. ADDITIONAL INFORMATION MAY BE FOUND IN SECTION VI. OTHER COMPONENTS MAY BE LISTED IF DEEMED APPROPRIATE. THE PERCENT BY WEIGHT GIVEN IS AN APPROXIMATE FORMULATION VALUE FOR THE COMPONENT IN THE FINISHED PRODUCT AND NOT A SPECIFICATION. COMPONENTS NOT LISTED ARE DEEMED TO BE NON-HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. COMPONENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313 AND 40 CFR PART 372 ARE IDENTIFIED IN THIS SECTION.

CODES: N/R = NOT REQUIRED, N/A = NOT APPLICABLE, N/D = NOT DETERMINED,
< = LESS THAN, > = GREATER THAN, MG/CUM = MILLIGRAMS PER CUBIC METER OF AIR

COMPONENTS	% WT.	A C G I H		O S H A		NOTES
		TLV-TWA	TLV-STEL	PEL-TWA	PEL-STEL	
METHYLENE CHLORIDE SYNONYM: DICHLOROMETHANE CAS NO. 75-09-2	40-50	50 PPM	N/D	25 PPM	125 PPM	(1,2,3)
L.P.G. (LIQUIFIED PETROLEUM GAS) SYNONYM: HYDROCARBON PROPELLANT CAS NO. 68476-86-8	30-40	1000 PPM	N/D	1000 PPM	N/D	(4)

NOTES:
THIS PRODUCT CONTAINS THE FOLLOWING COMPONENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313 AND 40 CFR PART 372 IN QUANTITIES GREATER THAN THE "de minimis" LEVEL: METHYLENE CHLORIDE AND PROPYLENE OXIDE (SEE NOTE 2).

(1) THE OSHA ACTION LEVEL IS 12.5 PPM, 8-HOUR TWA (SEE THE OSHA METHYLENE CHLORIDE STANDARD 29 CFR 1910.1052). NIOSH RECOMMENDS TREATING METHYLENE CHLORIDE AS A POTENTIAL HUMAN CARCINOGEN AND REDUCING EXPOSURE TO THE LOWEST FEASIBLE LIMIT.

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 SECTION II - HAZARDOUS COMPONENTS (CONTINUED)

NOTES: (CONT'D)

(2) CONTAINS 0.5% PROPYLENE OXIDE CAS NO. 75-56-9. PROPYLENE OXIDE HAS A PEL-TWA OF 20 PPM AND A TLV-TWA OF 20 PPM. NIOSH RECOMMENDS TREATING PROPYLENE OXIDE AS A POTENTIAL HUMAN CARCINOGEN AND REDUCING EXPOSURE TO THE LOWEST FEASIBLE LIMIT. THE AMOUNT OF PROPYLENE OXIDE IN THE FINAL PRODUCT IS APPROXIMATELY 0.2% BY WEIGHT.

(3) BOTH METHYLENE CHLORIDE AND PROPYLENE OXIDE HAVE BEEN LISTED AS POTENTIAL HUMAN CARCINOGENS BY IARC AND NTP (SEE SECTION VI). THE ACGIH LISTS METHYLENE CHLORIDE AS A SUSPECTED HUMAN CARCINOGEN.

(4) EXPOSURE LIMITS AS FOR L.P.G. CAS NO. 68476-85-7. NIOSH RECOMMENDS A LIMIT OF 1000 PPM, 8-HOUR TWA.

 SECTION III - PHYSICAL DATA

APPEARANCE: AMBER SPRAY LIQUID

APPROXIMATE BOILING POINT/RANGE (DEG.F): -43 TO 104

APPROXIMATE DENSITY: 8.20 LBS/GAL

APPROXIMATE PERCENT VOLATILE BY WEIGHT: 83

SOLUBILITY IN WATER: NEGLIGIBLE

VAPOR DENSITY (AIR = 1): >1

VAPOR PRESSURE (MM HG @ 68 DEG.F):

FOR PRODUCT: N/D

FOR METHYLENE CHLORIDE: 355

FOR HYDROCARBON PROPELLANT: GAS AT ROOM TEMPERATURE

FOR OTHER COMPONENTS: NEGLIGIBLE

EVAPORATION RATE (N-BUTYL ACETATE = 1):

FOR PRODUCT: >1

FOR METHYLENE CHLORIDE: 14.5

FOR HYDROCARBON PROPELLANT: GAS AT ROOM TEMPERATURE

FOR OTHER COMPONENTS: NEGLIGIBLE

FLASH POINT (DEG.F):

FOR PRODUCT: <20

FOR METHYLENE CHLORIDE: NONE SETA

FOR HYDROCARBON PROPELLANT: -156

APPROXIMATE AUTOIGNITION TEMPERATURE (DEG.F):

FOR PRODUCT: N/D

FOR METHYLENE CHLORIDE: 999

FOR HYDROCARBON PROPELLANT: 800

FOR OTHER COMPONENTS: N/D

FLAMMABLE/EXPLOSIVE LIMITS (% VOLUME IN AIR):

LOWER: 1.8

UPPER: 22.0

 SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

(SEE SECTION III)

FLAMMABLE LIMITS:

(SEE SECTION III)

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA (CONTINUED)

EXTINGUISHING MEDIA:

USE (NFPA) CLASS B EXTINGUISHER, CARBON DIOXIDE OR FOAM

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES. WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. AVOID SPREADING BURNING LIQUIDS WITH WATER USED FOR COOLING PURPOSES. IN CASE OF CONTAINER RUPTURE, VENTILATE AREA TO PREVENT PROPELLANT CONCENTRATIONS FROM REACHING FLAMMABLE LEVELS. FIRE PROTECTION AND RESPONSE STRATEGY SHOULD BE PLANNED THROUGH CONSULTATION WITH LOCAL FIRE PROTECTION AUTHORITIES OR APPROPRIATE SPECIALISTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

THIS PRODUCT CONTAINS NON-FLAMMABLE CHLORINATED SOLVENT AND EXTREMELY FLAMMABLE PROPELLANT. MATERIAL IS HIGHLY VOLATILE AND VAPORS ARE HEAVIER THAN AIR. VAPORS WILL ACCUMULATE READILY AND PROPELLANT VAPORS MAY IGNITE EXPLOSIVELY. VAPORS MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT. CONTAINER CONTENTS UNDER PRESSURE. EXPOSURE OF CONTAINER TO TEMPERATURES ABOVE 120 DEG. F. MAY CAUSE CONTAINER TO BURST RELEASING THE HIGHLY FLAMMABLE PROPELLANT.

THIS PRODUCT SHOULD NOT BE USED WHERE INADEQUATE VENTILATION IS LIKELY OR WHERE VAPOR CONCENTRATIONS MAY BECOME FLAMMABLE.

ALTHOUGH METHYLENE CHLORIDE HAS NO FLASH POINT OR FIRE POINT WHEN TESTED BY CONVENTIONAL MEANS, VAPORS CONCENTRATED IN A CONFINED OR POORLY VENTILATED AREA CAN BE IGNITED UPON CONTACT WITH A HIGH ENERGY SPARK, FLAME OR HIGH INTENSITY SOURCE OF HEAT. THIS CAN OCCUR AT CONCENTRATIONS RANGING FROM 13% TO 22% BY VOLUME.

SECTION V - REACTIVITY DATA

STABILITY:

STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID:

AVOID EXPOSURE TO HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES WHICH INDUCE COMBUSTION AND/OR THERMAL DECOMPOSITION.

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, ACRID (CHOKING) SMOKE AND FUMES, HYDROGEN CHLORIDE, SMALL AMOUNTS OF PHOSGENE AND CHLORINE, VARIOUS HYDROCARBONS, OTHER UNIDENTIFIED TOXIC MATERIALS

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

INHALATION, EYE CONTACT, SKIN CONTACT

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SECTION VI - HEALTH HAZARD DATA

(CONTINUED)

EFFECTS OF ACUTE OVEREXPOSURE:
 FOR EACH POTENTIAL ROUTE OF EXPOSURE

EYE CONTACT:

VAPORS ARE IRRITATING. DIRECT CONTACT WITH THE LIQUID OR OVEREXPOSURE TO ITS VAPORS OR MISTS CAN CAUSE MODERATE IRRITATION, PAIN, BURNING, TEARING, REDNESS. MAY CAUSE SLIGHT CORNEAL INJURY. EYE EFFECTS MAY BE ACCENTUATED IF MATERIAL IS NOT PROMPTLY REMOVED.

SKIN CONTACT:

CONTACT MAY CAUSE IRRITATION. PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION, PAIN, BURNING, REDNESS, DEFATTING (DRYING, CRACKING OR FLAKING OF SKIN), DERMATITIS (INFLAMMATION OF SKIN) AND POSSIBLE BURNS. SKIN EFFECTS MAY BE ACCENTUATED BY LIQUID BECOMING TRAPPED AGAINST THE SKIN BY CONTAMINATED CLOTHING AND SHOES. PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

SKIN ABSORPTION:

ALTHOUGH ABSORPTION OF LIQUID THROUGH INTACT SKIN IS POSSIBLE, RESULTING IN SYSTEMIC EFFECTS (INJURY TO OTHER BODY SYSTEMS), A SINGLE PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN THE ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL.

INHALATION:

EXCESSIVE INHALATION OF VAPORS OR MISTS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, HEADACHE, NAUSEA, SIGNS OF NERVOUS SYSTEM DEPRESSION (SUCH AS LIGHTEADEDNESS, DIZZINESS, LOSS OF COORDINATION AND EQUILIBRIUM, DROWSINESS, WEAKNESS, FATIGUE), POSSIBLE UNCONSCIOUSNESS, AND EVEN DEATH. OVEREXPOSURE MAY CAUSE CARDIAC ARRHYTHMIAS (IRREGULAR HEARTBEATS).

OVEREXPOSURE TO METHYLENE CHLORIDE MAY CAUSE CARBOXYHEMOGLOBINEMIA, THEREBY IMPAIRING THE BLOOD'S ABILITY TO TRANSPORT OXYGEN. CONCENTRATIONS OF METHYLENE CHLORIDE IN THE 500 PPM TO 1000 PPM RANGE MAY PRODUCE MINIMAL ANESTHETIC OR NARCOTIC EFFECTS. PROGRESSIVELY HIGHER CONCENTRATIONS OVER 1000 PPM CAN CAUSE DIZZINESS OR DRUNKENNESS. CONCENTRATIONS AS LOW AS 10,000 PPM CAN CAUSE UNCONSCIOUSNESS AND DEATH. THESE HIGH CONCENTRATIONS MAY ALSO CAUSE CARDIAC ARRHYTHMIAS (IRREGULAR HEARTBEATS).

INGESTION:

MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT, HEADACHE, NAUSEA, VOMITING, DIARRHEA AND SIGNS OF NERVOUS SYSTEM DEPRESSION AS FOR INHALATION. ASPIRATION OF MATERIAL INTO THE LUNGS DURING SWALLOWING OR VOMITING CAN CAUSE CHEMICAL PNEUMONITIS (LUNG INFLAMMATION AND DAMAGE) WHICH CAN BE FATAL. IF ASPIRATED, MAY BE RAPIDLY ABSORBED THROUGH THE LUNGS AND RESULT IN INJURY TO OTHER BODY SYSTEMS.

THE SINGLE DOSE ORAL TOXICITY OF METHYLENE CHLORIDE IS LOW.
 THE LD50 FOR RATS IS IN THE RANGE OF 1500-2500 MG/KG.

ADDITIONAL EFFECTS OF ACUTE OVEREXPOSURE:

INHALATION OF AEROSOL OR SPRAY MIST MAY CAUSE SEVERE IRRITATION OF THE RESPIRATORY SYSTEM (NOSE, THROAT, LUNGS, ETC.) CHEMICAL PNEUMONITIS (LUNG INFLAMMATION AND DAMAGE), AND INJURY TO OTHER BODY SYSTEMS FROM ABSORPTION OF SOLVENT THROUGH LUNGS.

EMERGENCY AND FIRST AID PROCEDURES:

GET IMMEDIATE MEDICAL ATTENTION IF ANY SYMPTOMS OF OVEREXPOSURE OCCUR.

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SECTION VI - HEALTH HAZARD DATA

(CONTINUED)

- IF IN EYES:
 IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES,
 LIFTING UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL
 ATTENTION.
- IF ON SKIN:
 REMOVE CONTAMINATED CLOTHING. THOROUGHLY WASH EXPOSED SKIN AREA WITH
 SOAP AND WATER. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DISCARD
 CONTAMINATED SHOES. SEE A PHYSICIAN IF IRRITATION OR INJURY DEVELOPS.
- IF BREATHED:
 IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT,
 ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION
 KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. DO NOT GIVE
 STIMULANTS. EPINEPHRINE (ADRENALIN), OR EPHEDRINE MAY ADVERSELY AFFECT
 THE HEART WITH FATAL RESULTS.
- IF SWALLOWED:
 IF MATERIAL HAS BEEN CONFINED TO MOUTH, RINSE OUT MOUTH WITH WATER.
 DO NOT SWALLOW WATER USED FOR RINSING PURPOSES.
 IF MATERIAL HAS BEEN SWALLOWED, IMMEDIATELY DRINK TWO GLASSES OF WATER.
 NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE
 VOMITING. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE
 CHEMICAL PNEUMONITIS AND/OR SYSTEMIC EFFECTS WHICH CAN BE FATAL. KEEP
 PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

NOTE(S) TO PHYSICIAN:
 BECAUSE RAPID ABSORPTION MAY OCCUR THROUGH LUNGS IF ASPIRATED AND
 CAUSE SYSTEMIC EFFECTS, THE DECISION OF WHETHER TO INDUCE VOMITING OR
 NOT SHOULD BE MADE BY AN ATTENDING PHYSICIAN. IF LAVAGE IS PERFORMED,
 SUGGEST ENDOTRACHEAL AND/OR ESOPHAGEAL CONTROL. DANGER FROM LUNG
 ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING
 THE STOMACH. EXPOSURE MAY INCREASE "MYOCARDIAL IRRITABILITY." DO NOT
 ADMINISTER SYMPATHOMIMETIC DRUGS UNLESS ABSOLUTELY NECESSARY. IF BURN
 IS PRESENT, TREAT AS ANY THERMAL BURN, AFTER DECONTAMINATION. NO SPECIFIC
 ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN
 IN RESPONSE TO REACTIONS OF THE PATIENT.

EFFECTS OF CHRONIC OVEREXPOSURE:
 OVEREXPOSURE TO METHYLENE CHLORIDE CAN RAISE THE LEVEL OF CARBON MONOXIDE
 IN THE BLOOD CAUSING CARDIOVASCULAR STRESS. METHYLENE CHLORIDE HAS BEEN
 SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. METHYLENE CHLORIDE HAS BEEN
 LISTED AS A POSSIBLE HUMAN CARCINOGEN (GROUP 2B) BY IARC (INTERNATIONAL
 AGENCY FOR RESEARCH ON CANCER) AND AS A SUBSTANCE THAT "MAY REASONABLY BE
 ANTICIPATED TO BE A CARCINOGEN" BY NTP (NATIONAL TOXICOLOGY PROGRAM).
 THERE IS INADEQUATE INFORMATION TO ASSOCIATE METHYLENE CHLORIDE EXPOSURE
 DURING PREGNANCY WITH HARM TO THE FETUS.

OVEREXPOSURE TO METHYLENE CHLORIDE HAS APPARENTLY BEEN FOUND TO CAUSE
 LIVER ABNORMALITIES, KIDNEY DAMAGE AND LUNG DAMAGE IN LABORATORY ANIMALS

THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED
 PROPYLENE OXIDE AS A PROBABLE HUMAN CARCINOGEN (GROUP 2A) BASED UPON
 SUFFICIENT EVIDENCE FROM LABORATORY ANIMAL TEST DATA. THE NATIONAL
 TOXICOLOGY PROGRAM (NTP) HAS LISTED PROPYLENE OXIDE AS A SUBSTANCE
 THAT "MAY REASONABLY BE ANTICIPATED TO BE A CARCINOGEN."

OVEREXPOSURE TO OTHER COMPONENT(S) OF MIXTURE: NONE KNOWN

PRODUCT IDENTITY 90001

MFM SPRAY ADHESIVE

SECTION VI - HEALTH HAZARD DATA

(CONTINUED)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
RESPIRATORY SYMPTOMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS (e.g.,
ASTHMA-LIKE CONDITIONS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.
SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

OTHER HEALTH INFORMATION:

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE
TO ORGANIC SOLVENTS WITH VARIOUS NEUROTOXIC EFFECTS INCLUDING PERMANENT
BRAIN AND NERVOUS SYSTEM DAMAGE. SYMPTOMS INCLUDE LOSS OF MEMORY, LOSS OF
INTELLECTUAL ABILITY AND LOSS OF COORDINATION. CHRONIC SKIN EXPOSURE TO
SOLVENTS MAY CAUSE SIMILAR EFFECTS. INTENTIONAL MISUSE BY DELIBERATELY
CONCENTRATING AND INHALING THE CONTENTS OF THIS PRODUCT MAY BE HARMFUL
OR FATAL.

SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
WEAR APPROPRIATE SKIN AND EYE PROTECTION DURING CLEANUP. USE RESPIRATORY
PROTECTION IF NEEDED.

SMALL SPILLS:

ABSORB LIQUID ON PAPER, RAGS, VERMICULITE, FLOOR ABSORBENT OR OTHER
ABSORBENT MATERIAL AND TRANSFER TO HOOD. ALLOW VOLATILE PORTION TO
EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR
HOOD DUCT WORK. AFTER VOLATILE PORTION HAS EVAPORATED, TRANSFER REMAINING
MATERIAL TO APPROPRIATELY MARKED CONTAINER.

LARGE SPILLS:

ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS,
ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE
EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP
SPILL AT SOURCE. DIKE AREA OF SPILL TO PREVENT SPREADING. PUMP LIQUID
TO SALVAGE CONTAINER. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY,
EARTH, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO
CONTAINERS. PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER.
IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL
HAS OCCURRED.

WASTE DISPOSAL METHOD:

DISPOSE OF MATERIAL AND EMPTY CONTAINERS IN ACCORDANCE WITH APPLICABLE
LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS. AS PRODUCED, THIS MATERIAL
IS A PRODUCT AND NOT A "WASTE". DO NOT PUNCTURE OR INCINERATE CONTAINER.
DO NOT DISPOSE OF EMPTY CONTAINER IN TRASH COMPACTOR. MATERIAL IS TOXIC
TO AQUATIC LIFE. DO NOT ALLOW MATERIAL TO ENTER STORM WATER OR SEWAGE
SYSTEMS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

IF THE TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, OR IF THE
PRODUCT IS USED IN SUCH A MANNER AS TO GENERATE PARTICULATES (FUME,
DUST, MIST), A NIOSH APPROVED RESPIRATOR IS ADVISED IN THE ABSENCE
OF PROPER ENVIRONMENTAL CONTROL (SEE YOUR SAFETY EQUIPMENT SUPPLIER).
ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO
REDUCE EXPOSURE.

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24 HOUR

MFM SPRAY ADHESIVE

SECTION VIII - SPECIAL PROTECTION INFORMATION (CONTINUED)

VENTILATION:

GENERAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP PRODUCT VAPOR AND/OR MIST CONCENTRATIONS WITHIN SPECIFIED TLV RANGES. IF GENERAL VENTILATION PROVES INADEQUATE TO MAINTAIN SAFE VAPOR AND/OR MIST CONCENTRATIONS, SUPPLEMENTAL LOCAL EXHAUST MAY BE REQUIRED.

PROTECTIVE GLOVES:

THE USE OF IMPERMEABLE GLOVES ARE ADVISED TO PREVENT POTENTIAL SKIN CONTACT, IRRITATION OR INJURY (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY. HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

OTHER PROTECTIVE EQUIPMENT:

FOR OPERATIONS WHERE CONTACT CAN OCCUR, COVERALLS, APRON AND RUBBER FOOT COVERING ARE RECOMMENDED. A SAFETY SHOWER AND EYEWASH FACILITY SHOULD BE AVAILABLE.

SECTION IX - SPECIAL PRECAUTIONS AND OTHER COMMENTS

STORAGE AND HANDLING PRECAUTIONS:

PRACTICE SAFE WORKING PROCEDURES AND GOOD PERSONAL HYGIENE. USE PROTECTIVE EQUIPMENT WHEN NECESSARY. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR OR SPRAY MIST. AVOID EYE CONTACT AND PROLONGED SKIN CONTACT. CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120 DEG. F. EXPOSURE TO EXCESSIVE HEAT COULD CAUSE BURSTING OF CONTAINER. AVOID PROLONGED EXPOSURE TO SUNLIGHT OR HEAT FROM RADIATORS, STOVES, HOT WATER AND OTHER HEAT SOURCES. CONTAINERS SHOULD BE STORED IN SAFETY CABINETS OR CUT-OFF ROOM (SEE 29 CFR 1910.106). DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT USE DEFORMED CONTAINERS AS THEY MAY EXPLODE WITH VIOLENT FORCE. COOL OVERHEATED CONTAINERS IF POSSIBLE. DO NOT SPRAY NEAR HEAT, SPARKS OR OPEN FLAMES. DO NOT SMOKE WHILE USING PRODUCT. KEEP WORK AREA VENTILATED DURING USE AND UNTIL VAPORS ARE ALL GONE. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

OTHER PRECAUTIONS:

PRODUCT MAY CORRODE, DEGRADE, OR OTHERWISE REACT WITH SOME METALS AND PLASTICS UPON PROLONGED CONTACT. CONSULT WITH EQUIPMENT SUPPLIER FOR PROPER CONSTRUCTION MATERIALS FOR STORAGE TANKS, MIXERS, FITTINGS, PIPES AND OTHER STORAGE AND HANDLING EQUIPMENT.

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. BECAUSE EMPTIED CONTAINERS RETAIN RESIDUES (VAPORS, LIQUIDS AND/OR SOLIDS), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

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SECTION IX - SPECIAL PRECAUTIONS AND OTHER COMMENTS (CONTINUED)

OTHER COMMENTS:

THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARDS AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND TO DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, BECAUSE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY THE USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

THE OSHA PERMISSIBLE EXPOSURE LIMITS (PEL'S) CONTAINED IN THIS MATERIAL SAFETY DATA SHEET ARE THE CURRENT LIMITS AS LISTED IN THE JUNE 1993 AIR CONTAMINANTS FINAL RULE, SPECIFIED IN TABLES Z-1, Z-2, AND Z-3 (FEDERAL REGISTER, 58:35338-35351, JUNE 30, 1993; CORRECTED IN FEDERAL REGISTER, 58:40191, JULY 27, 1993; AND SUBSEQUENT AMMENDMENTS).