

Product Code:       MFA-300 CL  
Product Name:        ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216  
24-hour Emergency Phone:                   1.800.424.9300

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(See top of page)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
TETRAHYDROFURAN	109-99-9	45-<60
OSHA PEL: 200 PPM, ACGIH PEL: 200 PPM		
* METHYL ETHYL KETONE	78-93-3	10-<20
OSHA PEL: 200 PPM, ACGIH TLV: 200 PPM		

## 3. HAZARDS IDENTIFICATION

EXPOSURE TO THIS MATERIAL THROUGH BREATHING  
SWALLOWING OR SKIN ABSORPTION CAN CAUSE  
INTESTINAL UPSET, IRRITATION, CENTRAL NERVOUS  
SYSTEM DEPRESSION

### Potential Health Effects

#### EYE:

MAY CAUSE MILD EYE IRRITATION. SYMPTOMS INCLUDE  
STINGING, TEARING AND REDNESS AND POSSIBLE BLURRED  
VISION.

#### SKIN:

CAN CAUSE SKIN IRRITATION. PROLONGED CONTACT MAY  
DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING,  
DRYING, CRACKING OF SKIN, BURNS AND OTHER SKIN  
DAMAGE.

#### INGESTION:

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING  
AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN  
CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

#### INHALATION:

EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND  
RESPIRATORY IRRITATION, AND CENTRAL NERVOUS SYSTEM  
EFFECTS INCLUDING, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA,  
AND HEADACHE AND POSSIBLE UNCONSCIOUSNESS.

---

Product Code:       MFA-300 CL  
Product Name:       ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216  
24-hour Emergency Phone:                   1.800.424.9300

---

**CHRONIC (CANCER) INFORMATION:**

TETRAHYDROFURAN HAS SHOWN SLIGHT INCREASE IN  
KIDNEY CANCER IN MALE MICE AND INCREASED LIVER  
CANCER IN FEMALE MICE. THE RELEVANCE TO HUMANS  
IS UNCERTAIN

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

COMPONENTS OF THIS MATERIAL HAVE BEEN SHOWN TO HARM  
THE FETUS. HARM OCCURS AT LEVELS THAT HARM THE  
PREGNANT ANIMAL, RELEVANCE OF THESE FINDINGS TO HUMANS  
IS UNCERTAIN

**REPRODUCTION INFORMATION:**

NO INFORMATION

---

**4. FIRST AID MEASURES**

---

**EYES:**

FLUSH WITH WATER, FOR 15 MINUTES REST EYES 30 MINUTES.  
IF REDNESS, SWELLING OR BURNING PRESIST CONSULT PHYSICIAN.

**SKIN:**

REMOVE CONTAMINATED CLOTHING WASH CONTACT AREA WITH SOAP  
AND WATER. GET MEDICAL ATTENTION IF AN ADVERSE REACTION  
RESULTS.

**INGESTION:**

DO NOT INDUCE VOMITING. RINSE MOUTH OUT WITH WATER. GET  
MEDICAL ATTENTION.

**INHALATION:**

REMOVE VICTIM TO FRESH AIR, PROVIDE OXYGEN IF  
BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPERATION  
IF NOT BREATHING. GET MEDICAL ATTENTION.

**NOTE TO PHYSICIANS: PREEXISTING DISORDERS OF FOLLOWING ORGANS MAY**  
BE AGGRIVATED BY EXPOSURE; SKIN, LUNG, LIVER,  
KIDNEY.

---

**5. FIRE FIGHTING MEASURES**

---

Product Code:       MFA-300 CL  
Product Name:       ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216  
24-hour Emergency Phone:                   1.800.424.9300

**FLAMMABLE PROPERTIES:**

**FLASH POINT: 6 DEGREES F           Method: TCC**

**FLAMMABLE LIMITS:**

**Lower flammable limit: 1.9%**  
**Upper flammable limit: 11.8%**

**AUTOIGNITION TEMPERATURE: 610 DEG F**

**HAZARDOUS COMBUSTION PRODUCTS:**

CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE  
AND VARIOUS HYDROCARBONS.

**EXTINGUISHING MEDIA:**

FOAM, CO2, DRY CHEMICAL

**FIREFIGHTING INSTRUCTIONS:**

WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACE PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND  
MODE WHEN FIGHTING FIRES.

**6. ACCIDENTAL RELEASE MEASURES**

---

**SMALL SPILL:**

SMALL: ABSORB ON PAPER, VERMICULITE, FLOOR ABSORBENT,  
OR OTHER MATERIAL, TRANSFER TO CONTAINERS FOR DISPOSAL.  
LARGE: ELIMINATE ALL IGNITION SOURCES, WEAR PROTECTIVE  
CLOTHING, DIKE AREA, PUMP LIQUID TO TANK, ABSORB REMAINDER  
AS ABOVE.

**LARGE SPILL:**

ELIMINATE ALL IGNITION SOURCES. STOP SPILL AT SOURCE,  
PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS ETC.  
PUMP OR VACUM TRANSFER PRODUCT TO CLEAN CONTAINERS.  
ABSORB BALANCE, TRANSFER ABSORBANTS, SOIL ETC. TO  
CONTAINERS FOR DISPOSAL. IF RUNOFF OCCURS NOTIFY  
AUTHORITIES.

**7. HANDLING AND STORAGE**

---

**HANDLING:**

ACUTE: SEE ABOVE.   CHRONIC: OVEREXPOSURE TO SOME OF THE

Product Code:       MFA-300 CL  
Product Name:        ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216  
24-hour Emergency Phone:                   1.800.424.9300

COMPONENTS IN THIS MATERIAL HAS BEEN SUGGESTED AS A CAUSE  
OF CENTRAL NERVOUS SYSTEM EFFECTS IN HUMANS.

**STORAGE:**

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUMS (EVEN  
EMPTY DRUMS) BECAUSE PRODUCT CAN IGNITE EXPLOSIVELY. ALL  
FIVE GALLON PAILS AND LARGER METAL CONTAINERS INCLUDING  
TANK CARS AND TRUCKS SHOULD BE GROUNDED AND/OR BONDED WHEN  
MATERIAL IS TRANSPORTED.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

PROVIDE SUFFICIENT MECHANICAL EXHAUST TO  
MAINTAIN EXPOSURE BELOW TLV,S.

**RESPIRATORY PROTECTION:**

A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ASDVISED  
IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA  
REGULATIONS ALSO PERMIT NIOSH/MSHA RESPIRATORS (NEGATIVE  
PRESSURE TYPE) UNDER SPECIFIED CONDITIONS. ENGINEERING  
OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

**SKIN PROTECTION:**

WEAR RESISTANT GLOVES SUCH AS: POLYVINYL ALCOHOL.

**EYE PROTECTION:**

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS  
ARE ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER GLASSES.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT: 133 DEG F**  
**MELTING POINT: NOT DETERMINED**  
**VAPOR PRESSURE: 143 MM @68 DEG F**  
**VAPOR DENSITY: HEAVIER THAN AIR**  
**SOLUBILITY IN WATER: Insoluble**  
**SPECIFIC GRAVITY: .95**  
**pH: N/A**  
**ODOR: ODOR CHARACTERISTIC OF HYDROCARBON SOLVENT**  
**APPEARANCE:**  
PRODUCTS IN THIS MSDS CLASSIFICATION MAY VARY FROM  
A VISCOUS TRANSPARENT LIQUID TO AN OPAQUE SEMI-PASTE.

Product Code:       MFA-300 CL  
Product Name:       ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216  
24-hour Emergency Phone:                   1.800.424.9300

---

**10. STABILITY AND PHYSICAL HAZARDS**

---

**CHEMICAL STABILITY (CONDITIONS TO AVOID):**  
STABLE

**INCOMPATIBILITY:**  
STRONG OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION PRODUCTS:**  
CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE

**HAZARDOUS POLYMERIZATION:**  
NOT EXPECTED TO OCCUR.

---

**11. TOXICOLOGICAL INFORMATION**

---

**EYE: NO INFORMATION**

**SKIN: NO INFORMATION**

**INGESTION: NO INFORMATION**

**INHALATION: NO INFORMATION**

**SUBCHRONIC: NO INFORMATION**

**CHRONIC/CARCINOGENICITY: NO DATA**

**TERATOLOGY: NO INFORMATION**

**REPRODUCTION: NO INFORMATION**

**MUTAGENICITY: NO INFORMATION**

---

**12. ECOLOGICAL INFORMATION**

---

**ECOTOXICOLOGICAL INFORMATION:**  
NO INFORMATION

**CHEMICAL FATE INFORMATION:**  
NO INFORMATION

---

**13. DISPOSAL CONSIDERATIONS**

---

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. CONTACT LOCAL WASTE MANAGEMENT CO FOR FURTHER INFO

Product Code:       MFA-300 CL  
Product Name:       ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216  
24-hour Emergency Phone:                   1.800.424.9300

---

**14. TRANSPORT INFORMATION (Not meant to be all inclusive)**

---

ADHESIVES, 3,UN1133,II

---

**15. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations represented)**

---

**U.S. FEDERAL REGULATIONS:**

THIS PRODUCT AND/OR ALL OF ITS COMPONENTS ARE EITHER  
INCLUDED ON OR EXEMPT FROM TSCA INVENTORY OF CHEMICAL  
SUBSTANCES

**OSHA: NOT LISTED**

**CERCLA: SARA HAZARD CATEGORY:**

TETRAHYDROFURAN RQ 1000LBS

**SECTION 313:**

\* Component(s) reportable as SARA Title III section 313 chemical(s).\*

**INTERNATIONAL REGULATIONS:****CANADIAN WHMIS:**

NO INFORMATION

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

THE INTENTIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED.

**EINECS: THE INTENTIONAL INGREDIENTS ARE LISTED**

**STATE REGULATIONS:**

PENNSYLVANIA, NEW JERSEY RTK LABEL INFORMATION  
METHYL ETHYL KETONE AND TETRAHYDROFURAN.

**VOLATILE ORGANIC COMPOUNDS:**

CONTAINS <550 GM/L

---

**16. OTHER INFORMATION**

---

**MSDS Status: ACTIVE**

WE BELIEVE THAT THE INFORMATION CONTAINED IN THE MSDS  
SHEET IS ACCURATE. HOWEVER, BECAUSE THIS MATERIAL CAN  
BE USED UNDER CONDITIONS OVER WHICH WE HAVE NO CONTROL,  
WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED AS TO THE

M A T E R I A L   S A F E T Y   D A T A   S H E E T

Date Printed: 4/7/2010

Page: 7

---

Product Code:       MFA-300 CL

Product Name:       ADHESIVE FASTENER WELD & LAP SEALER

Colorad Paint, 4747 Holly Street, Denver, CO. 80216

24-hour Emergency Phone:                   1.800.424.9300

---

ACCURACY OF THE INFO RMATION, AND ASSUME NO RESPONSIBILITY  
FOR DAMAGE TO PERSON, PROPERTY, OR BUSINESS ARISING FROM  
ITS USE.