

**MATERIAL SAFETY
DATA SHEET**

HIGHSIDE CHEMICALS, INC.
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COIL BLASTER SOLVENT

THIS MSDS COMPLIES WITH 29 CFR 1900.1200

SECTION 1 - IDENTITY/EMERGENCY INFORMATION

PRODUCT NAME: COIL BLASTER SOLVENT PRODUCT CODES: 58520
CHEMICAL NAME: MIXTURE
CHEMICAL FORMULA: MIXTURE

IN CASE OF AN EMERGENCY CALL 1-800-255-3924

SECTION 2 - INGREDIENTS

COMPONENTS	CAS NO.	PEL/TLV - SOURCE
TRICHLOROETHYLENE	79-01-6	50/50 OSHA/ACGIH
CARBON DIOXIDE	124-28-9	5000/5000 OSHA, ACGIH

WARNING: THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 3 - PHYSICAL DATA

BOILING POINT: NOT APPLICABLE
WATER REACTIVE: NO
VAPOR PRESSURE: PSIG@ 70 DEGREES C (AEROSOLS): 85-100
VAPOR DENSITY (AIR = 1): NOT ESTABLISHED
SPECIFIC GRAVITY: CONCENTRATE ONLY 1.45
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE: CLEAR COLORLESS SPRAY.
EVAPORATION RATE (n-Butyl Acetate = 1): 2.1 (CONCENTRATE ONLY)
ODOR: ETHEREAL

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY AS PER USA FLAME PROJECTION TEST (AEROSOLS): NON FLAMMABLE

FLASH POINT (METHOD USED): (NON AEROSOLS) N/A

AUTOIGNITION TEMPERATURE: NOT ESTABLISHED

EXPLOSIVE LIMITS: LOWER: NOT ESTABLISHED UPPER: NOT ESTABLISHED

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE OR DRY CHEMICAL .

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE AND IMPERVIOUS PROTECTIVE CLOTHING.PREVENT HUMAN EXPOSEURE TO FIRE, FUMES, SMOKE, AND COMBUSTION PRODUCTS.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE. SMALL AMOUNTS OF PHOSGENE AND CHLORINE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT EXPOSE AEROSOLS TO TEMPERATURES ABOVE 130 DEGREES F OR THE CONTAINER MAY RUPTURE

NFPA/HMIS RATING: HEALTH -2 FLAMMABILITY - 0 REACTIVITY - 0

SECTION 5 - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITIES: REACTIVE METALS, MAGNESIUM, STRONG OXIDIZING AGENTS. PRODUCT MAY REACT WITH ALUMINUM IF IMMERSSED IN LIQUID CONCENTRATE

STABILITY: STABLE

CONDITIONS TO AVOID: OPEN FLAME, WELDING ARCS, HEAT.

SECTION 6 - HEALTH HAZARD DATA

CARCINOGENICITY: CONTAINS A CHEMICAL OR CHEMICALS KNOWN BY THE STATE OF CALIFORNIA TO CAUSE CANCER.

PRIMARY ROUTE(S) OF ENTRY: INHALATION, SKIN CONTACT

POTENTIAL EFFECTS OF OVEREXPOSURE:

EYE: IRRITATION.

SKIN: IRRITATION DUE TO DEFATTING OF SKIN

INGESTION: POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS, NAUSEA.

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN BE HARMFUL AND MAY CAUSE HEADACHE, DIZZINESS, ASPHYXIA, ANESTHETIC EFFECTS, POSSIBLE UNCONSCIOUSNESS.

CHRONIC EFFECTS: DUE TO EXCESSIVE EXPOSURE MAY CAUSE LIVER ABNORMALITIES, KIDNEY, SPLEEN, LUNG OR BRAIN DAMAGE, CARDIAC ABNORMALITIES. TRICHLOROETHYLENE HAS BEEN SHOWN TO INCREASE THE RATE OF SPONTANEOUSLY OCCURRING MALIGNANT TUMORS IN CERTAIN LABORATORY RATS AND MICE.

FIRST AID PROCEDURES:

EYE CONTACT: IMMEDIATELY RINSE WITH RUNNING WATER FOR 15 MINUTES. HOLDING EYELIDS APART. CALL PHYSICIAN.

SKIN CONTACT: WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER. IF IRRITATED SEEK MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY. ASPIRATION HAZARD.

INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MEDICAL ATTENTION.

SECTION 7 - SPECIAL PROTECTION

RESPIRATORY PROTECTION: IF VAPOR CONCENTRATION EXCEEDS TLV USE RESPIRATOR APPROVED BY NIOSH/MSHA FOR ORGANIC VAPOR.

EYE PROTECTION: SAFETY GLASSES RECOMMENDED.

VENTILATION: PROVIDE SUFFICIENT MECHANICAL VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.

SKIN PROTECTION: NEOPRENE GLOVES RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: WASHING FACILITIES AND SAFETY SHOWERS SHOULD BE READILY AVAILABLE. WASH WITH SOAP AND WATER BEFORE HANDLING FOOD. KEEP OUT OF REACH OF CHILDREN

SECTION 8 - ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

ABSORB SPILLED LIQUID WITH SUITABLE MEDIUM. PLACE IN CLOSED DRUM FOR PROPER DISPOSAL. INCINERATE OR LANDFILL ACCORDING TO LOCAL, STATE, OR FEDERAL REGULATIONS. ALLOW TO EVAPORATE IF SMALL SPILL. DO NOT FLUSH TO SEWER.

WASTE DISPOSAL METHOD:

AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE THROUGH NORMAL USE POSE NO DISPOSAL HAZARD.

SECTION 9 – TRANSPORTATION INFORMATION

D.O.T. (49 CFR 172):

1 LITRE CONTAINER AND UNDER: CONSUMER COMMODITY, ORM-D
OVER 1 LITRE CONTAINER: AEROSOLS, NON-FLAMMABLE, 2.2, UN 1950

INTERNATIONAL (UN/NA CODE):

1 LITRE CONTAINER AND UNDER: AEROSOLS, NON-FLAMMABLE, 2.2, UN 1950, LTD. QTY.

OVER 1 LITRE CONTAINER: AEROSOLS, NON-FLAMMABLE, 2.2, UN 1950

IMCO: EmS No. 2-13 CLASS: 2
1 LITRE MAXIMUM CAPACITY

DATE PREPARED: 02/28/01

DATE UPDATED: **04/03/03**

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