

# 1620 ANTI SPATTER

## MATERIAL SAFETY DATA SHEET

01/11/00

MSDS PROVIDED BY:

STOODY INDUSTRIAL AND WELDING SUPPLY, INC.

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MILITARY EMERGENCY RESPONSE NUMBER 1-800-851-8061

VERSION DATE 09/27/97 (REPRODUCED SIWS)

1620 ANTI SPATTER

A=METHYLENE CHLORIDE

**SECTION 1****PRODUCT IDENTIFICATION**

COMPANY NAME WHO PROVIDED MSDS..... HARRIS WELCO. DIV. OF J.W. HARRIS CO., INC.  
COMPANY ADDRESS..... 1051 YORK RD  
KINGS MOUNTAIN, NC 28086  
EMERGENCY PHONE NUMBER..... (800)-424-9300  
MSDS VERSION NUMBER..... 5  
TRADE NAME..... 1620 ANTI SPATTER  
HAZARD RATING (HMIS)..... HEALTH - 3  
REACTIVITY - 1  
FLAMMABILITY - 1  
OTHER - 2  
HMIS DESIGNATED KEY..... 4-SEVERE HAZARD  
3-SERIOUS HAZARD  
2-MODERATE HAZARD  
1-SLIGHT HAZARD  
0-MINIMAL HAZARD

**SECTION 2****HAZARDOUS COMPONENTS**

<u>MATERIAL</u>	<u>% BY WEIGHT</u>	<u>CAS NUMBER</u>	<u>OSHA PEL</u>	<u>ACGIH TLV (Mg/M3)</u>	<u>SEC 313</u>
*METHYLENE CHLORIDE	73 - 84	75-09-2	25ppm (8hr TWA)	50 PPM (8hr TWA)	YES
CARBON DIOXIDE	1 7	124-38-9	500ppm	5000PPM	NO

**SECTION 3****PHYSICAL PROPERTIES**

BOILING POINT..... 104F  
MELTING POINT..... NA  
VAPOR PRESSURE..... 390 (MMHG)  
VAPOR DENSITY (AIR=1)..... 2 . 9 (AIR = 1)  
SOLUBILITY IN WATER..... % BY WEIGHT 1 . 3  
SPECIFIC GRAVITY..... 1 . 32 (H2O = 1)  
EVAPORATION RATE..... 14 . 50 (BUTYL ACETATE =1)  
APPEARANCE AND ODOR..... CLEAR, COLORLESS LIQUID, CHARACTERISTIC ODOR. % VOLATILE: 100

**SECTION 4****FIRE AND PXPLOSION DATA**

FLASH POINT..... (METHOD USED) NONE TO BOILING  
EXRINGUISHING MEDIA..... DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.  
SPECIAL PROCEDURES..... PRESSURE DEMAND, SELF CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED TO FIRE FIGHTERS.  
UNUSUAL HAZARDS..... STORAGE CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL. AT HIGH TEMPERATURES, OVERPRESSURIZATION OF CONTAINER CAN RESULT IN FIRE. VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS.

**SECTION 5****REACTIVITY DATA**

STABILITY..... STABLE  
CONDITIONS TO AVOID..... HIGH PRESSURE IN ALUMINUM SYSTEMS. AVOID OPEN FLAMES OR ELECTRICAL ARCS.  
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR  
INCOMPATIBILITY..... AVOID CONTACT WITH OXYGEN, NITROGEN, PEROXIDE, OXIDIZERS AND REACTIVE METALS (I.E. ALUMINUM, POTASSIUM, SODIUM, ECT.)  
HAZARDOUS DECOMPOSITION PRODUCTS..... COMBUSTION MAY YIELD CO, CO2, PHOSGENE AND OR HCL.

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**SECTION 6**

**HEALTH HAZARD DATA**

ROUTES OF ENTRY .....	INHALATION, SKIN, INGESTION.
HEALTH HAZARDS .....	ACUTE EXCESSIVE INHALATION AND INGESTION MAY PRODUCE SYMPTOMS OF LIGHT HEADEDNESS TO UNCONSCIOUSNESS TO DEATH. EXPOSURE OF SKIN AND EYES MAY PRODUCE IRRITATION, CHRONIC HEADACHE, FATIGUE, NAUSEA, DEPRESSION AND VISUAL DISTURBANCE. HIGH LEVELS MAY CAUSE CARDIAC ARRHYTHMIAS. EXCESSIVE EXPOSURE MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. EXCESSIVE EXPOSURE MAY ALSO CAUSE CARBOXYHEMOGLOBINEMIA.
CARCINOGENICITY .....	THE STATE OF CALIFORNIA REQUIRES THE FOLLOWING INFORMATION WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
SIGNS & SYMPTOMS OF EXPOSURE .....	LIGHT HEADEDNESS AND NAUSEA. IRRITATING TO SKIN AND EYES.
MEDICAL CONDITIONS FROM EXPOSURE .....	PROLONGED CONTACT WITH HIGH CONCENTRATIONS CAN LEAD TO SERIOUS KIDNEY AND LIVER DAMAGE.
EMERGENCY & FIRST AID.....	EYES - FLUSH EYES WITH WATER FOR 15 MINUTES. SKIN - WASH WITH SOAP AND WATER. INGESTION – DRINK WATER, DO NOT INDUCE VOMITING. INHALATION - REMOVE TO FRESH AIR. CALL PHYSICIAN. IF BREATHING HAS STOPPED, START CPR.
ADDITIONAL INFORMATION .....	ALL CHEMICAL COMPOUND MARKED WITH AN ASTERIC (*) ARE TOXIC CHEMICALS SUBJECT TO THE REPRT REQMNT OF SECTION 313 OF TITLE III OF THE SUPER FUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 373. YOU MUST NOTIFY EACH PERSON TO WHOM THIS MIXTURE OR TRADE NAME PRODUCTS IS SOLD. THIS STATEMENT MUST REMAIN A PART OF THIS MATERIAL SAFETY DATA SHEET. THIS STATEMENT MUST NOT BE DETACHED. ANY COPY OR REDISTRIBUTION OF THIS MATERIAL SAFETY DATA SHEET SHALL INCLUDE THIS STATEMENT.

**SECTION 7**

**PRECAUTIONS FOR SAFE HANDLING AND USE**

SPILL AND LEAK PROCEDURES .....	SPILLS SHOULD BE SOAKED UP WITH ABSORBENT. AREA THEN SHOULD BE FLUSHED WITH WATER. ALL RINSATE SHOULD BE CONTAINERIZED AND LABELED. SPILL ON AREAS THAT ARE NOT PAVEMENT CAN BE HANDLED BY REMOVING THE AFFECTED SOILS. EPA REPORTABLE QUAMITY IS 1000 LBS.
WASTE AND DISPOSAL METHOD.....	THE MATERIALS RESULTING FROM CLEAN-UP OPERATIONS MAY BE HAZARDOUS WASTE, AND THEREFORE SUBJECT TO LOCAL, STATE, AND FEDERAL REGULATIONS.
HANDLING AND STORING PRECAUTIONS .....	STORE CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT AND ALL SOURCES OF IGNITION. KEEP CONTAINERS CLOSED. KEEP AWAY FROM INCOMPATIBLE MATERIALS (SECTION 5). DO NOT ENTER CONFINED SPACES SUCH AS TANKS OR PITS WITHOUT FOLLOWING PROPER ENTRY PROCEDURES SUCH AS ASTM D-4276. USE OF RESPIRATORY PROTECTION ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS. WASH THOROUGHLY. DO NOT WEAR CONTAMINATED CLOTHING. GOOD PERSONAL HYGIENE ADVISED. EMPTY CONTAINERS & RESIDUE ARE DANGEROUS. DISPOSE OF IN SAFE MANNER IN ACCORDANCE WITH REGULATIONS. ALUMINUM CONTAINERS NOT ADVISED FOR STORAGE AND /OR TRANSFER OF CHLORINATES.
OTHER PRECAUTIONS.....	LABEL ALL CONTAINERS.

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### SECTION 8

### CONTROL MEASURES

RESPIRATORY MEASURES .....	NONE DURING NORMAL USE.
VENTILATION .....	LOCAL EXHAUST – SUFFICIENT TO MAINTAIN TLV.
PROTECTIVE GLOVES.....	POLYFLUORINATED POLYETHYLENE SUGGESTED.
EYE PROTECTION .....	FACE SHIELD AND GOGGLES SHOULD BE WORN.
OTHER PROTECTIVE EQUIPMENT .....	NA
WORK/HYGIENIC PRACTICES .....	FOR MAXIMUM SAFETY: BE CERTIFIED FOR, AND WEAR A RESPIRATOR AT ALL TIMES WHEN WELDING OR BRAZING.

### SECTION 9

### DISCLAIMER

THIS DATA IS BELIEVED TO BE ACCURATE. HARRIS WELCO MAKES NO WARRANTY TO AND DISCLAIMS ALL LIABILITY FROM RELIANCE ON THIS DATA.

### SECTION 10

### ADDITIONAL INFORMATION

CARCINOGENITY INFORMATION: METHYLENE CHLORIDE IS REQUIRED BY OSHA TO BE CONSIDERED CARCINOGENIC.

NA = NOT APPLICABLE.

JERSY RIGHT TO KNOW INFORMATION: (5 MOST PREDOMINANT INGREDIENTS/HAZARDOUS & NON HAZARDOUS) METHYLENE CHLORIDE CAS # 75 – 09 – 2, DENSITY 10.98 LB/GAL. CARBON DIOXIDE CAS # 123 – 38 – 9., SOLID DENSITY 97.5 LB/FT<sup>3</sup>. SOYA LECHITHIN CAS #8002 – 43 – 5, DENSITY 8.10 LB/GAL. COMMENTS: EVALUATION OF METABOLISM OF METHYLENE CHLORIDE IN MICE INDICATES TUMOR FORMATION IS THE RESULT OF METABOLISM BY PARTICULAR PATHWAY AT EXPOSURE CONCENTRATION > 500 PPM. THE MP ASSOCIATED WITH CARCINOGENITY IS LESS ACTIVE IN RATS AND APPEARS TO PLAY NEGLIGIBLE ROLE IN METABOLISM BY HAMSTERS LIMITED EVIDENCE OF LIVER DAMAGE. RELEVANCE OF FINDINGS IS UNCERTAIN. PRE-EXISTING LIVER AND BLOOD DISORDERS AGGRAVATEDBY EXPOSURE TO MATERIAL. PERSONS WITH HEART CONDITIONS MAY BE SUSCEPTIBLE TO ARRHYTHMIAS AS EXPOSED TO MATERIAL. REPORTS ASSOCIATE REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE MAY BE HARMFUL OR FATAL