

MATERIAL SAFETY DATA SHEET

WELCO 1620 ANTI SPATTER

VERSION DATE 1/1/01

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SECTION 1**PRODUCT IDENTIFICATION**

COMPANY NAME WHO SENT 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 WELCO 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**

MATERIAL	% BY WEIGHT	CAS NUMBER	OSHA PEL	ACGIH TLV (Mg/M3)	SEC 313
*METHYLENE CHLORIDE	73-84	75-09-2	25ppm(8hrTWA)	50 PPM (8hrTWA)	YES
CARBON DIOXIDE	17	124-38-9	5000ppm	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 (BUTHY ACETATE = 1)
APPEARANCE AND ODOR..... CLEAR, COLORLESS LIQUID, CHARACTERISTIC ODOR.

SECTION 4**FIRE AND EXPLOSION DATA**

FLASH POINT (METHOD USED) NONE TO BOILING
EXTINGUISHING 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, OVER-PRESSURIZATION 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, ETC.)
HAZARDOUS DECOMPOSITION PRODUCTS..... COMBUSTION MAY YIELD CO, CO2, PHOSGENE AND OR HCL.

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 EYE MAY PRODUCE IRRITATION.
CHRONIC HEADACHE, FATIGUE, NAUSEA, DEPRESSION AND VISUAL
DISTURBANCE. HIGH LEVELS MAY CAUSE CARDIAC ARRYTHMIAS.
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 PRODUCTS 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 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 COMPOUNDS MARKED WITH AN ASTERISK (*) ARE TOXIC

CHEMICALS-SUBJECT TO THE REPRT REQMT OF SECTION 313 OF TITLE III OF THE SUPER FUND AMENDMENTS AND RE-AUTHORIZATION 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 REINSTATE WILL BE CONTAINERIZED AND LABELED. SPILLS ON AREAS THAT ARE NOT PAVEMENT CAN BE HANDLED BY REMOVING THE AFFECTED SOILS. EPA REPORTABLE QUANTITY IS 1000 LBS.
WASTE AND DISPOSAL METHOD	THE MATERIALS RESULTING FROM CLEAN-UP OPERATIONS MAY BE HAZARDOUS WASTES, AND THEREFORE SUBJECT TO LOCAL, STATE, AND FEDERAL REGULATIONS
HANDLING AND STORING PRECAUTIONS	STORE CONTAINERS IN A COLD, DRY, WELL-VENTILATED AREA AWAY FROM HEAT AND ALL SOURCES OF IGNITION. KEEP CONTAINERS CLOSED. KEEP AWAY FROM INCOMPATIBLE MATERIALS (SECTION 5).
OTHER PRECAUTIONS	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 DANGEROUS. DISPOSE OF IN SAFE MANNER IN ACCORDANCE WITH REGULATIONS. ALUMINUM CONTAINERS NOT ADVISED FOR STORAGE AND/OR TRANSFER OF CHLORINATES. LABEL ALL CONTAINERS.

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.	

SECTION 10 ADDITIONAL INFORMATION	
CARCINOGENICITY INFORMATION: METHYLENE CHLORIDE IS REQUIRED BY OSHA TO BE CONSIDERED CARCINOGENIC. NA = NOT APPLICABLE. NEW JERSEY 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/FT³. SOYA LECITHIN CAS # 8002-43-5 DENSITY 8.18 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 CARCINOGENICITY 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 AGGRAVATED BY 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.	