WELDING ANTI-SPATTER 80-939

HMIS RATING	
Health	2
Flammability	4
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	4
Reactivity	0
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-939
PRODUCT NAME ..... WELDING ANTI-SPATTER
CHEMICAL FAMILY ..... N/A
DOT SHIPPING ..... Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Trichloroethylene (79-01-6)	50ppm	50ppm	100ppm	55
Propane/Isobutane/n-Butane (68476-86-8)	800ppm	800ppm	-	25

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE) ..... -43°F to 190°F
VAPOR PRESSURE PSIG @ 70°F 80-90
VAPOR DENSITY (AIR = 1) ..... >1
SOLUBILITY IN WATER ..... Negligible
SPECIFIC GRAVITY (H2O = 1) ..... .95
MELTING/FREEZING POINT 32
EVAPORATION RATE (Butyl Acetate=1) ..... >1
VOC content (by weight) ..... 6.10 lbs/gal
APPEARANCE AND ODOR ..... Amber/Solvent

4. FIRE AND EXPLOSION DATA

FLASH POINT ..... -156°F TCC
UPPER EXPLOSIVE LIMIT (%) 10.5%
LOWER EXPLOSIVE LIMIT (%) 1.8%
EXTINGUISHING MEDIA ..... Dry chemical, CO_2, Water fog, Foam, Alcohol foam
SPECIAL FIREFIGHTING PROCEDURES ..... Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.
FIRE AND EXPLOSION HAZARDS ..... Heated cans may burst. Vapors can travel to a source of ignition and flash back. "Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Ingestion, Inhalation, Skin, Eyes
HEALTH HAZARDS (ACUTE AND CHRONIC) ...
EYE CONTACT ..... Irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or feeling of dust in the eyes.
SKIN CONTACT: ..... Contact can result in defatting or drying of the skin which may result in irritation or rash.
INGESTION: ..... Harmful or fatal if swallowed. Corrosive and may cause severe and permanent damage to mouth, throat and stomach.
INHALATION: ..... Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis.
CHRONIC HAZARDS: ..... Overexposure may cause damage to the nervous system, lungs and kidneys.

5. HEALTH EFFECTS DATA CON'T

FIRST AID PROCEDURES

EYE CONTACT: ..... Immediately flush eyes with plenty of water. Get medical attention if irritation persists.
SKIN CONTACT: ..... Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists.
INHALATION: ..... Remove to fresh air. If not breathing begin CPR. If breathing is difficult then give oxygen. Get medical attention immediately.
INGESTION: ..... If swallowed, do NOT induce vomiting. Give the victim a glass of milk or water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) ..... Perchloroethylene is listed as a carcinogen by IARC and NTP.

6. REACTIVITY

STABILITY ..... Stable under normal storage conditions.
INCOMPATIBILITIES ..... Strong oxidizers, acids, alkalis and amines.
HAZARDOUS DECOMPOSITION ..... Oxides of carbon, nitrogen and may produce forms of chloride, chlorine, and phosgene.
HAZARDOUS POLYMERIZATION ..... Will not occur under normal conditions
HAZARDOUS POLYMERIZATION CONDITIONS None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS ..... Wear eye protection. Ventilation. Long sleeves and long pants.
WASH REQUIREMENTS ..... Wash with soap and water after use.
SPILL OR LEAK PROCEDURES Use absorbent sweeping compound to soak up material. Put into waste container. Dispose of as hazardous waste.
WASTE DISPOSAL METHODS Dispose of as hazardous waste in accordance with EPA, RCRA, local, state, and federal regulations.
HANDLING & STORAGE ..... Keep away from heat, sparks, and flames. Store at temperatures below 120 °F.
OTHER PRECAUTIONS ..... When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator with an organic vapor cartridge

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST
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