

McKelligan Supply
K 65300

MATERIAL SAFETY DATA SHEET

117BCS100
 102
 10
 181

Required under USDL Safety and Health Regulations for Ship Repairing,
 Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

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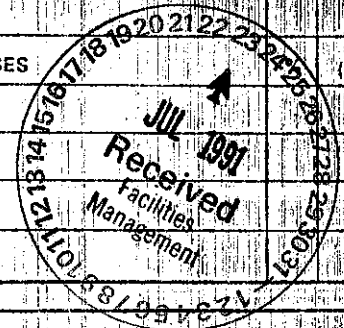
SECTION I

MANUFACTURER'S NAME Krylon Dept., Div of Borden Chemical, Borden Inc		EMERGENCY TELEPHONE NO. (215) 278-2400 or 278-2456
ADDRESS (Number, Street, City, State, and ZIP Code) Ford & Washington Sts., Norristown, PA 19404		
CHEMICAL NAME AND SYNONYMS n.a.	TRADE NAME AND SYNONYMS SPARVAR Spray Paint (this is an aerosol unit)	
CHEMICAL FAMILY n.a.	Following item numbers: S100, S102, S110, S112, S114, S130 thru S181	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Vary with color. See label on each container		0.5 to 11.2	BASE METAL		
CATALYST			ALLOYS		
VEHICLE Acrylic-Vinyl Toluene Soya Alkyd, Driers		9.5 to 11	METALLIC COATINGS		
SOLVENTS VM&R Naphtha Commercial Hexane		20 200ppm 20 100ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES 2-Ethoxy ethanol Acetate		5 100ppm	OTHERS		
OTHERS Acetone Propane		20 1000ppm 18 1000ppm			

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES



SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	n.a.	SPECIFIC GRAVITY (H ₂ O=1)	less than water
VAPOR PRESSURE (mm Hg.)	n.a.	PERCENT VOLATILE BY VOLUME (%)	79 to 89
VAPOR DENSITY (AIR=1)	unknown	EVAPORATION RATE (BuAcetate = 1)	greater than one
SOLUBILITY IN WATER	slight	Container is under internal pressure of about 60 pounds per square inch gauge at 70° F.	
APPEARANCE AND ODOR	n.a.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	See attached page	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Release spray button if spray is burning. If discharged content is burning, treat as Class B fire. Dry chemical preferred.			
SPECIAL FIRE FIGHTING PROCEDURES	Normal Class B fire procedures.			

UNUSUAL FIRE AND EXPLOSION HAZARDS If sprayed within 12 inches of open flame, spray may catch fire and burn like a blowtorch. (Not dangerous to unit; release spray button if can is in a fire it will burst and release flammable content which should then be treated as a Class B fire.)

Dizzy, confusion, weakness

EMERGENCY AND FIRST AID PROCEDURES

Get fresh air. If sprayed in eyes, wash with water.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS (Contains no halogenated compounds)

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of ignition. Soak up with absorbent material. Ventilate area. Material not dangerous when solvents have evaporated to dryness.

WASTE DISPOSAL METHOD

When dry, discard as non-dangerous trash to be buried or burned.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Ventilate adequately.

VENTILATION Amount needed depends upon amount of product to be discharged in a given short period of time. Supplement natural ventilation as may be necessary to keep area below threshold limit value of each ingredient.

PROTECTIVE GLOVES	None	EYE PROTECTION	Not mandatory
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OTHER PROTECTIVE EQUIPMENT
None

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store at temperatures over 120° F. Contents under pressure. Exposure to high temperature may cause bursting. Avoid radiators, stoves, direct sunlight, or other heat source.

OTHER PRECAUTIONS Incineration will cause container to burst violently. Avoid incineration or use only a strong, closed incinerator. Avoid puncturing; content will escape rapidly. If spray is burned, do not breathe fumes as they may be toxic and irritating.

PAGE (2) Prepared by:

December 22, 1980

Form OSHA-20
Rev. May 72

The information contained herein is believed to be correct or is obtained from sources believed to be generally reliable; however, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE HEREIN. Borden, Inc. shall not be liable for any loss or damage, directly or indirectly, arising from the use of the product, and Borden, Inc. assumes no obligation or liability for reliance on the information contained herein, or omissions herefrom.

Supplement to SECTION IV
Material Safety Data Sheet
SPARVAR Spray Paint Nos. S100, S102, S110, S112, S114,
S130 thru S181

FLASH POINT

Because this product is a liquefied compressed gas, flammability cannot be determined or expressed by conventional flash point intended for classification of flammable liquids. Utilizing the flame projection test as described in 16CFR 1500.46 and the interpretation in 16CFR 1500.3(o)(6) (regulations under Federal Hazardous Substances Act) the product is classified as "Extremely Flammable contents of self-pressurized container." Utilizing the flame projection and drum tests as described and interpreted in 49CFR 173.300 (Hazardous Materials Regulations of the Department of Transportation) the product is classified as "Flammable Compressed Gas." These are the officially recognized methods for classifying flammability of aerosol products. Users should be aware of the following:

1. Spray may catch fire from an ignition source within 12 inches of actual spray. A "blowtorch" effect results. This is not harmful to the unit and will not cause it to explode. Simply releasing the spray actuator button extinguishes the flame.
2. In the manner of a low flash point paint, the films formed on a substrate by spraying give off flammable vapors during the drying period. Ignition sources should be kept away. The film is dry to touch in less than 10 minutes and releases only minor amounts of solvent after that time.

FLAMMABLE LIMITS

Actual lower and upper flammable limits are unknown. The following concentration of sprayed product which can be ignited has been determined empirically and is offered as a useful practical value:

Content of 5 eleven ounce cans per 1000 cubic feet
or Content of 1 eleven ounce can per 200 cubic feet
or 1.85 grams of content per cubic feet
or 1 to 2 seconds of spraying time per cubic foot

AVE

12/22/80