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## MATERIAL SAFETY DATA SHEET

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K-G SPRAY-PAK INC.  
8001 KEELE STREET, P.O BOX 89  
CONCORD, L4K 1Y8, ONTARIO  
CANADA 905-669-9855  
(905) 669-9855

**PRODUCT: 1808-08-002 RUBBERIZED UNDERCOAT 500G****Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER ..... K-G SPRAY-PAK INC.  
8001 KEELE STREET P.O. BOX 89  
ONTARIO  
CANADA  
L4K 1Y8  
CANUTEC EMERGENCY #:1-613-996-6666(24HR)

PRODUCT NAME..... 1808-08-002 RUBBERIZED UNDERCOAT 500G  
CHEMICAL FAMILY..... ORGANIC COATING.  
MOLECULAR WEIGHT..... NOT APPLICABLE.  
CHEMICAL FORMULA..... NOT APPLICABLE.  
TRADE NAMES & SYNONYMS  
RECOMMENDED PRODUCT USES..... UNDERCOAT.  
FORMULA/LAB BOOK #..... FORMULA 08-089.

**Section 02: HAZARDS IDENTIFICATION**

HAZARD CLASSIFICATION..... Warning.  
SIGNAL WORD..... Warning.  
HAZARD STATEMENTS ..... Extremely flammable aerosol. Contains gas under pressure; may explode if heated. causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS..... Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Do not spray on open flame or other ignition source. Pressurized container. Do not pierce or burn, even after use. Wash hands thoroughly after handling. Avoid breathing gas/mist/vapour/spray. Use only outdoors or in well-ventilated area. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advise/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if feel unwell. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Store locked up. Dispose of contents and container in accordance with all local, regional and international regulations. .

OTHER HAZARDS..... No additional information available.

**Section 03: COMPOSITION/INFORMATION INGREDIENTS**

Hazardous Ingredients	CAS #	Wt. %
CARBON BLACK	1333-86-4	1-5
ISOBUTANE	75-28-5	5-10
METHANOL	67-56-1	0.1-1
NAPHTHA, PETROLEUM	64742-89-8	10-30
PROPANE	74-98-6	10-30
TOLUENE	108-88-3	30-60

**Section 04: FIRST AID MEASURES**

**PRODUCT: 1808-08-002 RUBBERIZED UNDERCOAT 500G**

**Section 04: FIRST AID MEASURES**

EMERGENCY FIRST AID PROCEDURE .... IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

**Section 05: FIRE FIGHTING MEASURES**

FLAMMABILITY..... EXTREMELY FLAMMABLE.  
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
 SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA  
 SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.  
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.  
 EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
 HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

AEROSOL FLAME PROJECTION  
 CLASSIFIED AS:..... >45cm.  
 FLASHBACK..... YES.

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

**Section 07: HANDLING AND STORAGE**

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.  
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).  
 HANDLING PROCEDURES AND EQUIPMENT ..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.  
 SYNERGISTIC MATERIALS..... NONE KNOWN.

**Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
CARBON BLACK	3.5 mg/m3					
ISOBUTANE	1000 ppm					
METHANOL	200 ppm					
NAPHTHA, PETROLEUM	400 PPM					
PROPANE	1000 ppm					
TOLUENE	50 ppm					
GLOVES/ TYPE.....	WEAR CHEMICAL RESISTANT GLOVES.					
RESPIRATORY/TYPE.....	IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.					
EYE/TYPE.....	SAFETY GLASSES.					
FOOTWEAR/TYPE.....	NOT NORMALLY REQUIRED.					
OTHER/TYPE.....	NOT REQUIRED.					

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... AEROSOL.  
 APPEARANCE..... BLACK.  
 ODOR..... AROMATIC ODOR.  
 ODOR THRESHOLD..... 2.14 ppm BASED ON DATA FOR TOLUENE.  
 pH..... NOT APPLICABLE.  
 FREEZING POINT: (°C)..... NOT AVAILABLE.  
 FLASH POINT (C), TAG CLOSED CUP..... LOWEST KNOWN VALUE IS TOLUENE @ 4C .  
 EVAPORATION RATE..... GREATER THAN 1.

**PRODUCT: 1808-08-002 RUBBERIZED UNDERCOAT 500G****Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

n-BUTYL ACETATE = 1	
UPPER FLAMMABLE LIMIT.....	7.
(% BY VOLUME)	
LOWER FLAMMABLE LIMIT.....	0.9.
(% BY VOLUME)	
VAPOUR PRESSURE(PSIG)-AEROSOL.....	55-65.
@ 20 C	
VAPOUR DENSITY (AIR=1).....	GREATER THAN 1.
SPECIFIC GRAVITY (AEROSOL).....	0.80-0.85.
SPECIFIC GRAVITY (LIQUID).....	0.93-0.95.
SOLUBILITY IN WATER g/L (20°C).....	NEGLIGIBLE.
COEFFICIENT OF WATER/OIL DIST.....	NOT AVAILABLE.
AUTO IGNITION TEMPERATURE (°C).....	480-527.
AEROSOL PERCENT NONVOLATILE.....	23.3.

**Section 10: STABILITY AND REACTIVITY**

HAZARDOUS PRODUCTS OF DECOMPOSITION.....	HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:	
YES.....	UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?.....	NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:	
NO, WHICH ONES?.....	STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?.....	NOT APPLICABLE.
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.

**Section 11: TOXICOLOGICAL INFORMATION**

Ingredients	LC50	LD50
CARBON BLACK	NOT AVAILABLE	>10000 mg/kg ORAL - RAT
ISOBUTANE	142,500 ppm (4h) INHAL - RAT	NOT APPLICABLE
METHANOL	64000 ppm (4 hr) INHAL - RAT	5628 mg/kg ORAL - RAT
NAPHTHA, PETROLEUM	NOT AVAILABLE	NOT AVAILABLE
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
TOLUENE	8000 ppm (4 hr) INHAL - RAT	5000 mg/kg ORAL - RAT
ROUTE OF ENTRY:		
INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIAN.	
INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	MAY CAUSE IRRITATION.	
SKIN CONTACT.....	MAY CAUSE IRRITATION.	
SKIN ABSORPTION.....	NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.	
EFFECTS OF ACUTE EXPOSURE.....	DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.	
EFFECTS OF CHRONIC EXPOSURE.....	SOLVENTS MAY CAUSE DEFATTING DERMATITIS	
IRRITANCY OF MATERIAL.....	SKIN/EYE IRRITANT.	
CARCINOGENICITY OF MATERIAL.....	THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).	
MUTAGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.	
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.	
REPRODUCTIVE EFFECTS.....	TOLUENE - PROLONGED AND REPEATED EXPOSURE OF PREGNANT ANIMALS TO TOLUENE (LEVELS GREATER THAN APPROXIMATELY 1500 ppm) HAS BEEN REPORTED TO CAUSE ADVERSE FETAL DEVELOPMENTAL EFFECTS.	
SENSITIZING CAPABILITY OF MATERIAL.....	UNKNOWN.	

