

SECTION I - MATERIAL SAFETY DATA SHEET

PLASTI-KOTE CO., INC.

1000 LAKE ROAD
 MEDINA, OHIO 44256
 1-330-725-4511
 1-800-255-3924 24 Hour Emergency Only

DATE PREPARED: 09/29/00
 PRODUCT CLASS: AEROSOL SPRAY PAINT
 SHIPPING NAME: CONSUMER COMMODITY
 ORM-D INT'L UN NO.: 1950
 NE = NONE ESTABLISHED
 NA = NONE AVAILABLE

HAZARD RATING	HMIS	NFPA
4 = SEVERE	HEALTH 1	HEALTH 2
3 = SERIOUS	FLAMMABILITY 4	FLAMMABILITY 4
2 = MODERATE	REACTIVITY 0	REACTIVITY 0
1 = SLIGHT	PERSONAL	OTHER --
0 = MINIMAL	PROTECTION E	

SECTION II - HAZARDOUS INGREDIENTS

PRODUCT NAME:
MR. SPRAY

PRODUCT# PRODUCT# PRODUCT# PRODUCT#

M-1, 2, 3, 4. PRIMER ALUMINUM M-5

8, 9, 10, 12. M-18 M-23

13, 16, 24. M-19

INGREDIENT	CAS NUMBER	ACGIH	OSHA	OTHER	VAPOR	13, 16, 24.	35, 36	35, 36	35, 36	35, 36
		TWA PPM	PEL PPM	TLV PPM	mmHg at 20 C					
ACETONE	67-64-1	750	1000	---	186		22-31	20-25	10-15	30-35
ALIPHATIC HYDROCARBON	64742-89-8	NE	NE	300	38		16-33	5-10		
AROMATIC HYDROCARBON	64742-95-6	NE	NE	100	3		0-5			
MINERAL SPIRITS	64742-48-9	NE	NE	100	2.0				0-5	
* XYLENE	1330-20-7	100	100	---	5.1		0-7	25-30	45-50	35-40
PROPANE-ISOBUTANE MIXTURE	68476-86-8	NE	1000	---	---		30	25	27	23

* THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

SECTION III - PHYSICAL DATA

BOILING RANGE: 133° - 331° F VAPOR DENSITY: Heavier Lighter than air
 MELTING POINT: Estimated min. 1500° F WEIGHT PER GALLON: 7.8 - 8.0 (PAINT)
 VAPOR PRESSURE: Unknown for products. SPECIFIC GRAVITY: (H2O = 1): < 1
 SOLUBILITY IN WATER: Slight to moderate EVAPORATION RATE: Faster Slower than ether
 APPEARANCE AND ODOR: Typical solvent paint (Butyl Acetate = 1) Section 1 products > 1
 PERCENT VOLATILE BY VOLUME 80-90 Propellants > 1 (Propellant faster)

See Section II for volatile, hazardous components.

VOC:

Continue on page 2

STANDARD

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:

OSHA: IA

FLASH POINT: 0° F (-18° C) TOC*

(EXTREMELY FLAMMABLE)

UNIFORM FIRE CODE: LEVEL 3 AEROSOL

(Propellant = +100° F)

EXTINGUISHING MEDIA:

ALCOHOL FOAM, CO2, DRY CHEMICAL

LEL 1.0

UNUSUAL FIRE AND EXPLOSION HAZARDS:

closed containers may explode and/or autoignite when exposed to extreme heat, vapors are heavier than air and may travel along the ground or may be moved / ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors or other locations distant from material handling point.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build and possible autoignition or explosion when exposed to extreme heat. Water is used, fog nozzles are preferable use self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode.

SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

 INHALATION SKIN INGESTION EYES

HAZARDOUS GENICITY:

 NTP IARC OSHA

Contains ethylbenzene as a component of xylene and/or mineral spirits. Ethylbenzene is classified by IARC as possibly carcinogenic to humans based on animal data; however there is inadequate evidence for cancer in exposed humans.

SYMPTOMS OF OVEREXPOSURE:

ACUTE:

BREATHING -	EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION.
EYE CONTACT -	CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
SWALLOWING -	CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.
SKIN CONTACT -	CAN CAUSE IRRITATION, PROLONGED CONTACT CAN CAUSE DRYNESS AND CRACKING OF SKIN.

CHRONIC: None known for products in Section I.

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. SEVERE OVEREXPOSURE IN LABORATORY ANIMALS HAS ALSO CAUSED LIVER ABNORMALITIES AND DAMAGE TO KIDNEYS, LUNGS, AND SPLEEN, HEART AND ADRENALS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

MEDICAL CONDITIONS: Generally Aggravated By Exposure - Can cause respiratory and/or skin reaction.

FIRST AID - EMERGENCY PROCEDURES:

- IF BREATHED - REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING IS STOPPED, GIVE ARTIFICIAL RESPIRATION AND SEEK MEDICAL HELP.
- IF IN EYES - FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET PROMPT MEDICAL ATTENTION.
- IF SWALLOWED - DO NOT INDUCE VOMITING. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE PNEUMONIA, WHICH CAN BE FATAL. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION / POISON CONTROL CENTER.
- IF ON SKIN - WASH WITH SOAP AND WATER OR VARIOUS HAND CLEANERS, AND WASH CLOTHING.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE STABLEHAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: Heat, Sparks and open flame.

INCOMPATIBILITY (Materials to avoid): Avoid contact with strong oxidizing agents and heat.

HAZARDOUS DECOMPOSITION: May form toxic materials, carbon dioxide / carbon monoxide, various hydrocarbons, nitrogen compounds, etc., when burned.

CONDITIONS TO AVOID: Not applicable.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

ELIMINATE ALL IGNITION SOURCES, VENTILATE AREA, ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO A CLOSED CONTAINER.

WASTE DISPOSAL METHOD: MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE DEPOSITED IN A POSTED TOXIC SUBSTANCE LANDFILL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT PUNCTURE OR INCINERATE. DO NOT STORE IN AREAS ABOVE 120° F. (48° C) OR IN DIRECT SUNLIGHT, OR NEAR HEAT OR OPEN FLAMES.

STORAGE CATEGORY: STORE LARGE QUANTITIES IN BUILDING PROTECTED FOR STORAGE OF FLAMMABLE LIQUIDS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: FOR CASUAL, OCCASIONAL USE - TO AVOID BREATHING VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS OR USE OTHER MEANS TO ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING. IF YOU EXPERIENCE EYE WATERING, HEADACHE, OR DIZZINESS, INCREASE FRESH AIR, WEAR RESPIRATORY PROTECTION (NIOSH/MSHA APPROVED), OR LEAVE THE AREA.

VENTILATION: FOR REGULAR / CONTINUOUS USE - PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLVs IN SECTION II.

PROTECTIVE GLOVES: WEAR CHEMICAL RESISTANT GLOVES, SUCH AS NEOPRENE, IF SKIN CONTACT IS TO BE AVOIDED.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES, IN COMPLIANCE WITH OSHA REGULATIONS, ARE ADVISED.

OTHER EQUIPMENT: WHERE SPECIAL OR UNUSUAL CONDITIONS EXIST, SEEK THE EXPERT ASSISTANCE OF AN INDUSTRIAL HYGIENIST.

WORK/HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR USING WASHROOM, AS WITH ALL CHEMICALS. MINIMIZE PERSONAL CONTACT.

THE INFORMATION CONTAINED ABOVE IS BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO CIRCUMSTANCES.

MSDS SHEET PREPARED BY: Plasti-Kote Technical Department

DATE: 9/29/00