

MATERIAL SAFETY DATA SHEET

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AS-110

PRODUCT NAME ANTI STATIC SPRAY

MANUFACTURER'S NAME PLASTIC PROCESS EQUIPMENT, INC  
8303 CORPORATE PARK DRIVE  
MACEDONIA, OH 44056

DATE OF PREPARATION 16-AUG-07

HMIS CODES  
Health 2  
Flammability 3  
Reactivity 0

EMERGENCY TELEPHONE NO.  
(800) 535-5053

INFORMATION TELEPHONE NO.  
(216) 367-7000

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
17	74-98-6	Propane		
		ACGIH TLV	2500 ppm	760 mm
		OSHA PEL	1000 ppm	
8	106-97-8	Butane		
		ACGIH TLV	800 ppm	760 mm
		OSHA PEL	800 ppm	
72	64-17-5	Ethanol		
		ACGIH TLV	1000 ppm	44 mm
		OSHA PEL	1000 ppm	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE  
 INHALATION of vapor or spray mist.  
 EYE or SKIN contact with the product, vapor or spray mist.  
 Contains alcohols and acetates which can be absorbed through the skin.

EFFECTS OF OVEREXPOSURE  
 EYES: Irritation.  
 SKIN: Prolonged or repeated exposure may cause irritation.  
 INHALATION: Irritation of the upper respiratory system.  
 May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE  
 Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.  
 Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE  
 None generally recognized.

CANCER INFORMATION  
 For complete discussion of toxicology data refer to Section 11.



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 Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

## VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

## RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

## PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

## EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

## OTHER PROTECTIVE EQUIPMENT

Use of barrier cream on exposed skin is recommended.

## OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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PRODUCT WEIGHT	5.87 lb/gal	703 g/l
SPECIFIC GRAVITY	0.71	
BOILING POINT	<0 - 173 F	<-18 - 78 C
MELTING POINT	Not Available	
VOLATILE VOLUME	98 %	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
Volatile Weight	97.75%	Less Water and Federally Exempt Solvents

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 Section 10 -- STABILITY AND REACTIVITY  
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STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

Continued on page 4

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 Section 11 -- TOXICOLOGICAL INFORMATION  
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## CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to liver systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

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 TOXICOLOGY DATA

CAS No.	Ingredient Name				
74-98-6	Propane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
106-97-8	Butane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
64-17-5	Ethanol	LC50	RAT	4HR	Not Available
		LD50	RAT		7060 mg/kg

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 Section 12 -- ECOLOGICAL INFORMATION  
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## ECOTOXICOLOGICAL INFORMATION

No data available.

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 Section 13 -- DISPOSAL CONSIDERATIONS  
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## WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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 Section 14 -- TRANSPORT INFORMATION  
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## US Ground (DOT)

May be classed as Consumer Commodity, ORM-D  
 UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

## Canada (TDG)

May be classed as Consumer Commodity, ORM-D  
 UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG#126)

## IMO

May be shipped as Limited Quantity  
 UN1950, AEROSOLS, CLASS 2, LIMITED QUANTITY, EmS F-D, S-U

