

# MATERIAL SAFETY DATA SHEET

02-28-2008

( Approved by U.S. Dept. of Labor - Similar to Form LS8-00S-4

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## SECTION I



PRECISION MASTER MADE PAINT, INC.  
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EMERGENCY 800-535-5053

Date: Thursday, February 28, 2008

Trade Name: 1189  
ALUMINUM COATING

Chemical Name & Synonyms:

Formula: PROPRIETARY

Chemical Family:

## Section II - Hazardous Ingredient

<i>Catalyst</i>	<i>TLV</i>	<i>PEL</i>	<i>&lt;%</i>
<i>Pigment (as dust)</i>	<i>TLV</i>	<i>PEL</i>	<i>&lt;%</i>
ALUMINUM (AS DUS	5 MgM	15	10%
<i>Solvent</i>	<i>TLV</i>	<i>PEL</i>	<i>&lt;%</i>
ALIPHATIC	300 ppm	300	20%
ALIPHATIC	100 ppm	300	35%
AROMATIC	100 ppm	100	5%
AROMATIC	100 ppm	100	15%
<i>Vehicle</i>	<i>TLV</i>	<i>PEL</i>	<i>&lt;%</i>
LINSEED OIL	N/E ppm	N/E	30%

Hazardous Mixtures of other Liquids, Solids or Gases

AVOID CONTACT WITH PURE OXYGEN

**Contains** ETHYLBENZENE IARC listed as 2B 'Possible Carcinogen'

## Section III - Physical Data

Boiling Point (Lowest component):	247 F	Specific Gravity (H2O=1):	0.8681
Vapor Pressure (mm Hg):	2	Percent Volatile by Volume:	73 %
Vapor Density (Air=1):	4	Evaporation Rate (Ether=1):	1
VOC (lbs/gal):	2.8333	HAPS (lbs/gal):	1.18

## SECTION IV - Fire and Explosion Hazard Data

Flash Point (TCC): 54 F (Lowest component-see below) Flammable Limits: Lel. 1 % Uel. 6 %

Extinguishing Media: FOAM, CO2 OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURE: WEAR SELF CONTAINED BREATHING APPARTATUS

EXTREM HEAT (>200 F.) MAY CAUSE CONTAINERS TO RUPTURE EXPLOSIVELY

## SECTION IV (Cont.) - FIRE AND EXPLOSION HAZARD DATA

Flash point of product may be higher in practical use of the product due to ambient circumstances (humidity, storage method of product, etc. but will never be lower than indicated above.

DOT Shipping description - Paint, 3, UN1263, PGII - Flammable Liquid

## SECTION V - HEALTH INFORMATION

## THRESHOLD LIMIT VALUE:

SEE SECTION II

## EFFECTS OF EXPOSURE:

Product has not been tested but research and experience have shown it is a moderate hazard in liquid form. Product as liquid or mist could irritate eyes, skin, and lungs. Ingestion of liquid would cause nausea. Solvent vapors may cause dizziness, nausea, and vomiting. Aluminum flake can react violently with halogenated compounds and produce hydrogen gas in a closed container with water or some acids.

## EFFECTS OF OVEREXPOSURE:

Prolonged or deliberate inhalation of solvents can cause central nervous system damage; unconsciousness or coma. Also lung, liver, kidney, cardiovascular system, blood, menstrual and fertility disorders. Repeated skin contact can result in dermatitis; corneal burns are possible. Massive ingestion will cause severe gastrointestinal discomfort.

HMS RATINGS: Health=2;Flammability=3;Reactivity=2;Personal Protection=G

## EMERGENCY FIRST AID PROCEDURES;

EYE CONTACT: Irrigate immediately and thoroughly with water at least 15 minutes and get medical attention.

SKIN CONTACT: Flush affected area immediately and thoroughly with water for 15 minutes. Remove contaminated clothing.

INHALATION: Remove from exposure, treat symptomatically, and get medical attention.

INGESTION: Do not induce vomiting. Seek physician.

The specific chemical names of the ingredients used are trade secrets and are identified generically.

The information herein is presented in good faith and believed to be correct as of this date. However, PRECISION/MASTER MADE PAINTS, makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations of warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. PRECISION/MASTER MADE, shall in no event, be responsible for any damages of whatsoever nature, directly or indirectly, resulting from the publication or use of or reliance upon information contained herein.

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SECTION VI - REACTIVITY DATA  
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Stability - ( )Unstable (x)Stable

Conditions to avoid --- ALUMINUM FLAKE CAN REACT VIOLENTLY WITH WATER,  
SOME ACIDS, AND HALOGENATED COMPOUNDS TO PRODUCE HYDROGEN GAS.

Incompatibility - AVOID CONTACT WITH STRONG OXIDIZING AGENTS

Hazardous Decomposition Products - USUAL PRODUCTS OF COMBUSTION Co,Co 2, etc.

Hazardous Polymerization - WILL NOT OCCUR

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SECTION VII - SPILL OR LEAK PROCEDURES  
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Steps to be taken in case material is released or spilled:

SMALL SPILLS MAY BE PICKED UP WITH INERT ABSORBENT MATERIAL AND TRANSFERRED  
TO CONTAINERS. LARGE SPILLS MAY BE SCOOPED UP AND PUT INTO CONTAINERS FOR  
DISPOSAL OR SALVAGE. SEE DISPOSAL PRECAUTION BELOW.

Waste material method ---SEE OTHER PRECAUTIONS BELOW, CAREFULLY INCINERATE IN  
APPROVED INCINERATOR OR USE SECURE LANDFILL IN ACCORDANCE WITH LOCAL, STATE,  
AND FEDERAL REGULATIONS.

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SECTION VIII - SPECIAL PROTECTION INFORMATION  
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Respiratory Protection --- Adequate mask to avoid breathing spray mist or solvent vapors.

Ventilation --- Good general ventilation is usually adequate

Protective Gloves --- Neoprene Rubber Gloves

Eye Protection --- Goggles or Side Shield Spectacles

Other Protective Equipment --- Eye Wash Station and Safety Showers should be available.

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SECTION IX - SPECIAL PRECAUTIONS  
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Precautions to be taken in handling and storage --- STORE AWAY FROM HIGH TEMPERATURES. DO  
NOT BREATH SPRAY MIST OR SOLVENT VAPORS. AVOID PROLONGED SKIN CONTACT.

Special Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS

Unusual Fire and Explosion Hazards: VAPORS MAY TRAVEL ALONG THE GROUND - BEWARE  
OF PILOT LIGHTS OR OTHER IGNITION SOURCES

Other Precautions -- AVOID SPONTANEOUS CONBUSTION OF SOLVENT CONTAMINATED RAGS  
AND OTHER EASILY IGNITABLE ORGANIC ACCUMULATIONS.

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SECTION X - REGULATORY INFORMATION  
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TSCA-All functional components of this product are listed (or properly exempted)

SARA Title III-See SARA Title III attached documentation.

We are required to inform you that a product we sell to you contains chemicals regulated under SECTION 313 OF TITLE III OF THE SUPERFUND AMMENDMENT ANO REAUTHORIZATION ACT OF 1986 and 40 CFR part 372.

This law requires certain manufacturers to report on annual emissions of specified chemicals and chemical categories.

This information must be included in all MSDS's that are copied and distributed for this material.

Product: 1189 - ALUMINUM COATING

SARA

<i>Regulated Ingredient</i>	<i>CAS Number</i>	<i>% by Wt</i>
ETHYLBENZENE	100-41-4	3.2%
XYLENE	1330-20-7	13.0%
ALUMINUM (AS DUST)	7429-90-5	7.2%
<b><i>Total:</i></b>		23%