



MATERIAL SAFETY DATA SHEET

SECTION I - MANUFACTURERS INFORMATION

PRODUCT NAME: 600 SERIES HIGH HEAT ENAMELS

(602 HIGH HEAT ALUMINUM)

MSDS PREPARATION DATE: 1.16.2012

MANUFACTURER: CPS COATINGS, INC.

624 AIRPORT DR. SHREVEPORT, LA 71107

PRODUCT INFORMATION: (318) 222-6100

EMERGENCY TELEPHONE (CHEMTREC): 800-424-9300 (CCN16851)

While we believe that the data herein is accurate & derived from quality sources, this data is not to be taken as a warrantee or product liability. It is offered solely for your consideration and personal protection.

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS Number	Vapor Pressure mm HG @ TEMP	Weight Percent
* Mineral Spirits	8052-41-3	3.4 mm Hg @68F	30-35%
* V M P Naphtha	68410-97-9	2.0 mm Hg @68F	5-10%

* Indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL DATA

Boiling Point: 241° F.

Vapor Density (Air=1): Heavier than air

Specific Gravity: .95

Evaporation Rate: Slower than Ether

V.O.C.: 3.4 lbs/gal.

Vapor Pressure (mmHg): @ 77°F= 23.0

Melting Point (°C): N/A

Solubility in Water: none

Appearance and Odor: Silver – Mild

Weight Solids: 55-57 %

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): T.C.C., 65°F

Flammable Explosion: LEL = 1.0% UEL = 12.3%

Extinguishing Media: (1) Dry Chemical, (2) CO2, (3) Foam

Special Fire Fighting Procedures: Dry Chemical, Carbon Dioxide, Water Spray or Regular Foam. Full protective equipment including self-contained breathing apparatus should be used. If water is used, fog nozzles are preferable. Water may be used to cool dosed containers to prevent pressure buildup due to extreme heat. CAUTION: A straight stream of water will spread fire.

Unusual Fire and Explosion Hazards: Vapor accumulation will flash and/or explode, if ignited. Containers may burst explosively if overheated in fire. Cool with water spray or fog. Empty containers also present fire explosion hazard due to residual vapors. Keep containers tightly dosed. During emergency situations, over-exposure to decomposition products may cause a health hazard with no symptoms immediately apparent. Obtain medical attention.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE: **Inhalation:** Anesthetic. Irritation of respiratory tract or acute nervous system depression. Overexposure may result in headaches and nausea possibly followed by loss of consciousness.
Ingestion: Gastrointestinal irritation including vomiting can occur. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.
Skin contact: may result in irritation and absorption through skin. Eye contact will irritate.

CHRONIC: Some reports have associated repeated, prolonged overexposure to solvents with permanent central nervous system changes. Misuse by concentrating and inhaling the contents may be harmful or fatal. See Target Organ Effects Sheet for further information about effects of overexposure and medical conditions generally aggravated by exposure. The Target Organ Effects Sheet is an integral part of this Material Safety Data Sheet: any duplication of the MSDS must include it. California Proposition 65 requires that warnings be given regarding exposures to chemicals listed by the State as being known to cause cancer, birth defects or other reproductive harm. This product is not intentionally formulated with chemicals that are listed by California as causing the above effects. However, we are informed by the suppliers of some chemical ingredients used in this product that they may contain trace, but detectable, levels of some listed chemicals as impurities. Therefore, trace, but detectable, levels of listed chemicals may be present in this product.

EMERGENCY & FIRST AID PROCEDURES:

Vapor Inhalation - Restore breathing. Remove to fresh air. Keep warm and quiet. Notify a physician.

Eye Contact - Flush IMMEDIATELY with copious amounts of running water for at least 15 minutes. Take to physician for definitive medical treatment. **Skin Contact** - Clean and wash affected area with water. Consult a physician.

Ingestion - DO NOT INDUCE VOMITING! Call physician immediately

TOXICITY: Slightly Toxic by ingestion.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, open flames, electrical and static discharge.

INCOMPATIBILITY: (materials to avoid): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO₂ and possible CO and carbon smoke.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS IF SPILLED: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbent and clean up with spark-proof tools.

WASTE DISPOSAL- Dispose of in accordance with local, state, and federal regulations. Land fill or incinerate in approved facility by licensed contractor. Do not incinerate in closed container.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA TC23C Chemical / Mechanical type filter system to remove a combination of particles, gas & vapors. Use an air supplied respirator if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep TLV's and PEUs (Section 11) below recommended levels, and flammable limits in air (Section M below the level necessary to produce explosion or fire. General mechanical ventilation should comply with OSHA 1910.94.

PROTECTIVE GLOVES: To prevent prolonged exposure, use rubber gloves. Solvents may be absorbed through the skin.

EYE PROTECTION: Safety glasses or goggles with splashguards or side shields.

OTHER PROTECTIVE EQUIPMENT: Prevent prolonged skin contact to contaminated clothing.

SECTION IX - SPECIAL PRECAUTIONS

HANDLING PRECAUTIONS:

Do not store over 120°F. Avoid spillage and/or the creation of airborne aluminum dust. When storing large quantities, store in building designed and protected against flammable liquids. Use static lines when mixing and transferring material. Do not allow material to free fall more than five (5) inches.

OTHER PRECAUTIONS:

'FOR INDUSTRIAL USE ONLY'

DO NOT TAKE INTERNALLY. IF INGESTED, DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN. DO NOT FLAME CUT, WELD, OR BRAZE ON COATED MATERIAL WITHOUT NIOSA/MSHA TC23C RESPIRATOR.

DISCLAIMER:

THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE. HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED ARE BEYOND OUR CONTROL, WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. ONLY PERSONS HAVING SUFFICIENT TECHNICAL SKILL TO MAKE INFORMED JUDGEMENTS REGARDING ITS APPLICATION SHOULD USE THIS INFORMATION.

Health: - **2**

Flammability: - **3**

Reactivity: - **0**

SECTION X – TRANSPORTATION INFORMATION

DOT SHIPPING NAME: PAINT

HAZARD CLASS: 3

UN NUMBER: UN1263

PACKING GROUP: II (2)