



Material Safety Data Sheets Exterior Screw Coating (Silver Grey 500H)

MATERIAL IDENTIFICATION & COMPOSITION INFORMATION ON INGREDIENTS

Product Name: Silver grey 500H
Chemical Family: Mixture: RESIN
(POLYESTER, MELAMINE, EPOXY SILICONE)
PIGMENT
ALUMINUM POWDER
ADDITIVE
BUTYL CELLOSOLVE
BUTANOL
Material Use or Occurrence: Resin filler
Product Identification No.: N/A

HAZARDS IDENTIFICATION

Risk advice to man and the environment

Highly flammable. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of impaired fertility. Harmful: may cause lung damage if swallowed. Vapors may cause drowsiness and dizziness. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

IMPORTANT INGREDIENTS

| TRADE NAME | CHEMICAL NAME | PERCENT | CAS NO |
|-------------------|----------------------|----------------|---------------|
| RESIN | | 35% | |
| PIGMENT | | | |
| ALUMINUM POWDER | | 15% | 7429-90-5 |
| BUTYL CELLOSOLVE | | 10% | 110-80-5 |
| BUTANOL | | 10% | 71-36-3 |
| ADDITIVES | | | |

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HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

INHALATION – Repeated or excessive inhalation of vapor can cause irritation, chemical pneumonia, dizziness and nausea. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. No chronic effects known.

Use NIOSH approved respirator appropriate for concentration of vapor. Provide good ventilation. Remove to fresh air. Use artificial respiration and oxygen if needed.

SKIN – Repeated or excessive contact can cause blisters or rash due to defatting action. No chronic effects known. Wear solvent resistant gloves and other clothing as needed to prevent exposure.

Remove contaminated clothing, and avoid ignition sources. Wash effected areas thoroughly with soap and water.

EYES – Causes irritation. No chronic effects known. Wear goggles. Have convenient eye wash stations. Flush with water for 15 minutes. Get medical attention if effects persist.

INGESTION – Causes digestive system upsets, dizziness, nausea and may be fatal. If sucked into lungs, effects are same as for inhalation above. No chronic effects known. Avoid swallowing or sucking into lungs, Wear face shield if face contact is likely. Rinse mouth. Do not induce vomiting. Get prompt medical attention, especially if liquid is sucked into lungs.

**IN ALL CASES – GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.
KEEP OUT OF REACH OF CHILDREN**

MOST LIKELY ROUTES OF ENTRY – Skin, Inhalation, Eyes

FIRE & EXPLOSION DATA

Flash Point (Cl. Cup): n/av **Explosive Limits: Lower** – n/av **Upper** – n/av

Extinguishing Media – Water Spray, Alcohol Foam, Carbon Dioxide, Dry Chemical.

Special Fire Fighting Procedures and Hazards – Treat as combustible liquid fire, especially when molten. Keep unignited containers cool with water. Vapors are heavier than air, may collect in low areas, and may travel to distant sources of ignition and flash back. See next section for personnel protective first aid.



ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS – Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

ENVIRONMENTAL PRECAUTIONS – Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

METHODS FOR CLEANING UP – Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

PRECAUTIONS FOR SAFE HANDLING & USE

SPILLS AND LEAKS – Remove all ignition sources. Provide goods ventilation. Take up spills and put into closed containers. Avoid flow to sewers. Floors may be slippery. See section 6 for other protective first aid.

STORAGE & HANDLING – Keep away from ignition or heat source. Store in cool and ventilated places, but avoid freezing. Keep containers closed.

WASTE DISPOSAL – In accordance with applicable local, and national regulations.

EMPTY CONTAINERS – Rinse thoroughly before handling, reuse, or disposal.

EXPOSURE CONTROL / PERSONAL PROTECTION

TOXICOLOGICAL INFORMATION – Not Applicable

RESPIRATORY INFORMATION – Not Applicable

EYE PROTECTION – Safety goggles by bottling

HAND PROTECTION / SKIN PROTECTION – Rubber groves by bottling

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CHEMICAL & PHYSICAL PROPERTIES

BOILING POINT - n/av **MELTING POINT** - n/av **SPECIFIC GRAVITY** - n/av
VAPOR PRESSURE - n/av **SOLUBILITY IN WATER** - Slightly soluble
VAPOR DENSITY (AIR=L) - n/av **EVAPORATION RATE** - n/av **% NON-VOLATILE** - 40%
COEFFICIENT OF OIL/WATER DISTRIBUTION - n/av **PH** - NA
APPEARANCE & ODOR - White milky thin liquid

STABILITY & REACTIVITY

STABLE **UNSTABLE** **PRECAUTIONS** - None
HAZARDOUS POLYMERIZATION OCCURS - Does not Occur **X**
INCOMPATIBILITY - Strong oxidizers such as peroxides.
HAZARDOUS DECOMPOSITION PRODUCT - When burned: CO₂, CO, Hydrocarbon.
STORAGE STABILITY - Stable under recommended storage conditions.
CONDITIONS TO AVOID - Heat, flames and sparks.
Exposure to moisture may affect product quality.
MATERIALS TO AVOID - Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS - Hazardous decomposition products formed under fire conditions. Carbon oxides.

TOXICOLOGICAL INFORMATION

INFORMATION - By appropriate use there are no damaging effects known.

ECOLOGICAL INFORMATION

INFORMATION - No information available.

DISPOSAL CONSIDERATIONS

PRODUCT - Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

CONTAMINATED PACKAGING - Dispose of as unused product.

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TRANSPORT INFORMATION

ADR/RID – UN-Number: 1993 Class: 3 Packing group: II

IMDG – UN-Number: 1993 Class: 3 Packing group: II EMS-No: F-E, S-D

MARINE POLLUTANT: No

IATA – UN-Number: 1993 Class: 3 Packing group: II

OTHER INFORMATION – Resin filler is not classified as hazardous for transport.

REGULATORY INFORMATION

INFORMATION ON THE WARNING LABEL – Labelisation according to the law of environmental dangerous materials. Not classified as hazardous to users.

NATIONAL REGULATIONS – Not applicable.

RISK PHRASES – None assigned.

SAFETY PHRASES – 2 - Keep out of reach of children

46 - If swallowed, seek medical advice immediately and show this container or label.

OTHER INFORMATION

FURTHER INFORMATION – License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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