

METAL PARTS PROTECTOR

COATING PROTECTOR

METAL PARTS PROTECTOR is a long term, flexible, non-tacky dust resistant metal parts protector. It's coating will not crack, peel, flake or check over a wide temperature range of -40°F to 175°F. **METAL PARTS PROTECTOR** provides a translucent coating which allows identification codes underneath to be easily read. **METAL PARTS PROTECTOR** can be flushed off effortlessly with mineral spirits where as other coatings are difficult to remove and usually require special solvents. **METAL PARTS PROTECTOR** is also a battery terminal coater that provides long term corrosion protection, an airtight waterproof seal, curtails battery leakage and extends battery life. **METAL PARTS PROTECTOR** coating will not crack or peel, even under severe flexing.



FOR USE BY:	FOR USE ON:	FEATURE-BENEFIT:
Airports	Vehicle Batteries	Extends Battery Life
Buildings Maintenance	Drilling Parts	Long-term Corrosion Preventative
Chemical Plants	Airport Equip.	Effective Indoor/ Outdoor Rust Control
Golf Courses	Bearings In Water Transport	Flexible, Dust Retardant Coating
Industrial Plants	Equipment Metal Parts	Won't Cause Etching Or Pitching of Steel
Offshore Drilling		Easily Applied And Removed
Schools		Translucent Film - Allows Codes To Be Read Easily
Shipyards		
Trucking		

METAL PARTS PROTECTOR COATING PROTECTOR

DIRECTIONS:

Make sure surface is clean and dry. Spray on a thin uniform film. Allow 5 minutes to set up. For more severe storage conditions, a second coating can be applied within a few minutes. Complete setting of protective coating takes approximately two hours after spraying. Battery Terminal Protector: Coating is most effective if surface is first prepared clean and dry. Spray an even coat over entire surface. For more severe conditions, a second coating can be applied within a few minutes. Allow several hours to set up to tack-free film. Coating may be removed with mineral spirits.

TECHNICAL DATA:

Appearance and Odor: Dark Brown Liquid/Solvent Odor
Flash Point of Concentrate: 79°F T.O.C
Flammability: Extremely Flammable Spray
Specific Gravity: 0.841
Propellant: Liquefied Petroleum Gas
Spray Pattern: Circular
NFPA Fire Rating: Level 3 Aerosol

CONTACT INFORMATION

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MATERIAL SAFETY DATA SHEET
 COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: Metal Armor Metal Parts Protector
Product Number: 722
Product Type: AEROSOL
Formula: Proprietary
Supplier's Name: Purity Chemicals, Inc.
Supplier's Address: P.O. Box 188 Forest Park, GA 30297
DOT Ship Description: CONSUMER COMMODITY, ORM-D

Date Prepared: 11/01/07
Information Phone: (404)363-0767
Emergency Phone: (800) 535-5053

HMIS Rating (Based on Aerosol Conc.):

0-Minimal 1-Slight 2-Moderate
 3-Serious 4-Extreme

HEALTH:	1
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
Personal Protection:	B

SECTION II · INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>	<u>313/Chem</u>	<u>Skin</u>	<u>Carcinogen</u>	<u>PEL</u>	<u>TLV-TWA</u>
Petroleum Distillates	8052-41-3	15 - 25	NO	NO	NO	500 ppm	100 ppm
Isoparaffinic Hydrocarbon	64741-66-8	10 - 20	NO	NO	NO	N/E	281 ppm*
Liquefied Petroleum Gas	68476-86-8	40 - 50	NO	NO	NO	1000 ppm	1000 ppm

*manufacturer's Recommended Exposure Limit (REL)-TWA

SECTION III · PHYSICAL DATA

Aerosol Concentrate:

Boiling Point: 244°F
pH: N/A
Appearance/Odor: Dark brown liquid with petroleum solvent odor

Specific Gravity (H₂O=1)@70°F: 0.848
Solubility In Water: insoluble
Vapor Density(Air=1): >1

Total Contents:

Total VOC %: 76.33%
Vapor Pressure (can; psig @72°F): 50

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (Conc.): 67°F (T.O.C.)
Extinguishing Media: Foam, CO₂, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

Flammability (as per CSMA Flame Projection Test): Extremely-Flammable Spray

SECTION V · REACTIVITY DATA

Stability: Material Stable.
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxides, Aldehydes.

Hazardous Polymerization: Will not Occur.

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.
 For Industrial and Institutional use only.
 Store in a cool, dry area away from heat or open flame.
 Do not store at temperatures above 120° F.

NFPA Code 30B Rating: Level 3 Aerosol.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause moderate to severe irritation accompanied by stinging, tearing, redness, blurred vision, and pain.
Skin: Frequent or prolonged contact may cause irritation and possibly dermatitis. May aggravate existing skin conditions.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, anesthesia, dizziness, headache, rapid breathing, narcosis, and other central nervous system effects, including unconsciousness and death.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea and abdominal pain. Aspiration of material into the lungs can cause severe pulmonary injury, possibly progressing to death.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep concentration of Section II ingredients below acceptable limits.
Protective Gloves: Use chemical resistant gloves if hand contact will be made.
Eye Protection: Always wear safety glasses or chemical proof goggles when working with chemicals.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.