

WHITMORE'S

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY			
Product Name:	Armor-Plate II ES (All Grades)	Manufacturer/Supplier:	
Chemical Family:	Petroleum Hydrocarbon	The Whitmore Manufacturing Company	
Use:	Multi-Service Lubricant	930 Whitmore Drive Rockwall, Texas 75087, U.S.A.	
Emergency Tel. No.:	CHEMTREC	U.S.A. & Canada	800-424-9300 (24 hrs)
		International	703-527-3887 (Collect - 24 hr)
		Australia	00-111-703-527-3887 (Collect - 24 hr)

II. COMPOSITION INFORMATION ON INGREDIENTS					
<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Wt%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits of Exposure</u>
Antimony (Elemental)	7440-36-0	3-6	0.5 mg/m ³	0.5 mg/m ³	N/D

III. ADVERSE HUMAN HEALTH EFFECTS	
Eyes:	Any eye contact will cause irritation.
Skin:	Prolonged skin contact may cause irritation.
Inhalation:	Prolonged breathing of vapors will cause irritation.
Ingestion:	Harmful if swallowed.

IV. FIRST AID MEASURES	
Eyes:	Flush with large amounts of cold water. If irritation persists, SEEK MEDICAL ATTENTION.
Skin:	Thoroughly wash exposed area with soap and water.
Inhalation:	Provide fresh air. If breathing difficulty persists, SEEK IMMEDIATE MEDICAL ATTENTION.
Ingestion:	If cathartic effect persists, SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES	
Extinguishing Media:	Foam, Dry Chemical, Carbon Dioxide
Unsuitable Extinguishing Media:	Not Known
Fire Fighting Protective Equipment:	Use organic NIOSHA/MSHA filter-type respirator.

VI. ACCIDENTAL RELEASE MEASURES	
Personal Precautions:	Wear plastic or neoprene rubber gloves and safety goggles.
Environmental Precautions:	Do not allow it to enter drains.
Spillage:	Absorb with dry, inert material and shovel up.

VII. HANDLING AND STORAGE	
Handling:	Keep away from open flame or sparks.
Storage:	Keep away from open flame or sparks.

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION	
Respiratory Protection:	If overheated, use organic NIOSHA/MSHA filter-type respirator.
Hand Protection:	Protective gloves for hypersensitive persons.
Eye Protection:	Safety Goggles
Body Protection:	None

HMS SYMBOLS

	1
	2
Reactivity	0
PPI	G

MSDS-348

Effective Date: 2-6-02

Revised Date: 10-02-08

IX. PHYSICAL AND CHEMICAL PROPERTIES			
Physical State:	Paste	Color:	Black
Boiling Range/point, °F (°C):	>400 (204)	Melting Point, °F (°C):	N/A
Flash Point (PMCC), °F (°C):	142-197 (61-92)	Autoignition Temperature, °F (°C):	>600 (>316)
Explosive Properties:	LEL: N/A UEL: N/A	Evaporation Rate (Butyl Acetate):	N/A
Partition Coefficient (Log Pow):	N/A	Vapor Pressure (kPa):	Nil
Density:	0.99-1.06	Flammability:	Combustible
Oxidizing Properties:	None	Solubilities in Water:	Nil
		Vapor Density:	N/A
		% Volatiles:	<10

X. STABILITY AND REACTIVITY	
Stability:	Chemically stable under normal conditions.
Conditions to Avoid:	Powerful sources of ignition and extreme temperatures.
Materials to Avoid:	Strong oxidizing agents.
Decomposition Products:	CO ₂ , Sb ₂ O ₅ , CO, SO ₂

XI. TOXICOLOGICAL INFORMATION			
Acute Toxicity:	Not Known	Skin Irritancy:	Very Mild
Chronic Toxicity:	Not Known	Skin Sensitization:	None
Sub-acute/Subchronic Toxicity:	Not Known	Genotoxicity:	Not Known
California Prop 65:	N/A	EC Classification (67/548/EEC):	R20/22
Carcinogenicity:	NTP: No	IARC:	No
LC-50:	Not Available	OSHA:	No
		LD-50:	Not Available

XII. ECOLOGICAL INFORMATION	
Possible Effects:	Not Known
Behavior:	Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate:	Not thought to be toxic to marine or land organisms.

XIII. WASTE DISPOSAL	
Product Disposal:	Contact waste disposal company or local authority for advice.
Container Disposal:	Observe all local, state, and federal regulations.

XIV. TRANSPORT INFORMATION	
DOT:	Not Regulated
UN No.:	Not Regulated
Air Transport (ICAO/IATA):	Not Regulated
Sea Transport (IMO/IMDG):	Not Regulated
Road and Rail Transport (ADR/RID):	Not Regulated

XV. REGULATORY INFORMATION	
Labeling Information:	Not Regulated
EC Annex 1 Classification:	R20/22
R Phrases:	R20/22 Harmful by inhalation and if swallowed.
S Phrases:	S2 Keep our of the reach of children.
Ozone Depleting Chemicals:	None/Nil
TSCA:	All components listed.
WHMIS (Canada):	Not Regulated
EPA Regulation 40 CFR Part 372 (SARA Section 313):	See Section II.

XVI. OTHER INFORMATION	
None	