667-1

WAGE AND LABOR STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME: Pennsylvania Refining Company	EMERGENCY TELEPHONE NO.: 412 - 287 - 2781
ADDRESS (Number, Street, City, State, and ZIP Code): Butler, Pennsylvania 16001	
~~CHEMICAL~~ NAME AND SYNONYMS: Solvent Cutback Rust Preventive	TRADE NAME AND SYNONYMS: Petrotect Amber
CHEMICAL FAMILY: Petroleum	FORMULA: A composition

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Aliphatic Hydrocarbon Solvent	over 50%		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Oxygenated Hydrocarbon	over 30%		OTHERS		
OTHERS Oil Soluble Petroleum Sulfonate	less than 25%				

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III PHYSICAL DATA

BOILING POINT (°F.) Initial	300-325	SPECIFIC GRAVITY (H_2O=1)	0.85
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	45
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1) Est. 40% in one hour.	
SOLUBILITY IN WATER	None		

APPEARANCE AND ODOR: Brownish black viscous fluid, petroleum solvent odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 100°F minimum, Closed Cup	FLAMMABLE LIMITS: Est. Solvent	Lel: 1.0	Uel: 6.0

EXTINGUISHING MEDIA: Foam carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Implicit in extinguishing media.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use water. A flammable liquid and moderate fire hazard. Also a possible explosion hazard.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE Variously cited as 500-1000 ppm

EFFECTS OF OVEREXPOSURE May cause drowsiness, headache, nausea, narcosis

EMERGENCY AND FIRST AID PROCEDURES Fresh air.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	

INCOMPATABILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS CO_2 - CO products of combustion.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Avoid sources of ignition i.e. sparks, flames, cigarettes. Wipe up with rags. Be sure to ventilate room. Use gloves to avoid defatting of skin.

WASTE DISPOSAL METHOD Slop oil disposal agent.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) See above.

VENTILATION	LOCAL EXHAUST	SPECIAL
Yes	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Yes	Yes

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in a cool, well-ventilated place away from sources of ignition open flame etc.

OTHER PRECAUTIONS