

PRAXAIR INC -- ENAMEL ALKYD SEMIGLOSS 745442 -- 8010-00-087-0103

===== Product Identification =====

Product ID:ENAMEL ALKYD SEMIGLOSS 745442

MSDS Date:10/12/1987

FSC:8010

NIIN:00-087-0103

MSDS Number: BCYHC

=== Responsible Party ===

Company Name:PRAXAIR INC

Address:39 OLD RIDGEBURY RD

Box:2153

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:203-794-5782

Emergency Phone Num:203-794-5782

CAGE:0LV01

=== Contractor Identification ===

Company Name:PRATT AND LAMBERT INC

Box:6027

City:CLEVELAND

State:OH

ZIP:44101-1027

Country:US

Phone:216-566-2902

CAGE:61196

Company Name:PRAXAIR, INC.

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06810-5113

Country:US

Phone:800-772-9247; 800-PRAXAIR

CAGE:0LV01

===== Composition/Information on Ingredients =====

Ingred Name:MINERAL SPIRITS

CAS:64475-85-0

RTECS #:PY8240000

OSHA PEL:500 PPM

ACGIH TLV:100 PPM

Ingred Na

me:ETHYL BENZENE (SARA III)  
CAS:100-41-4  
RTECS #:DA0700000  
OSHA PEL:100 PPM/125 STEL  
ACGIH TLV:100 PPM/125STEL 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2100000  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE  
CAS:14464-46-1  
RTECS #:VV7325000  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.05 MG/M3 RDUST9293

Ingred Name:TALC (CONTAINING NO ASBESTOS)  
CAS:14807-96-6  
RTECS #:WW2710000  
OSHA PEL:2 MG  
/M3 RDUST  
ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred Name:LEAD CHROMATE  
CAS:7758-97-6  
OSHA PEL:.0500 MG/CU.M.  
ACGIH TLV:.0500 MG/CU.M.

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES  
Health Hazards Acute and Chronic:SOLVENTS HAVE BEEN ASSOCIATED WITH  
PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE;RELATIVELY INSOLUBLE  
CHROMATES MAY CAUSE LUNG CANCER; LEAD MAY CAUSE SEVERE D  
AMAGE TO  
BLOOD FORMING, NERVOUS, URINARY & REP ORDUCTION SYSTEMS.  
CRYSTALLINE SILICA MAY CAUSE PNEUMOCONIOSIS.  
Explanation of Carcinogenicity:CHROMIUM AND CERTAIN CHROM COMPOUNDS ARE  
LISTED AS POTENTIAL CARCINOGENS BY THE NTP AND THE IARC. LEAD  
CHROMATE BY IARC.  
Effects of Overexposure:GASTROINTESTINAL IRRITATION, NAUSEA & VOMITING.  
ASPIRATION OF NOSE AND THROAT AND ACUTE NERVOUS SYSTEM DEPRESSION.  
MAY CAUSE EYE IRRITATION AND DEFATTING AND IRRITATION OF THE SKIN.  
Medical

Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY CONDITIONS  
MAY BE AGGRAVATED BY EXPOSURE TO CRYSTALLINE SILICA.PRE-EXISTING  
KIDNEY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO LEAD.

===== First Aid Measures =====

First Aid:IF SWALLOWED-CALL POISON CONTROL CENTER, HOSPITAL EMERGENCY  
ROOM OR MD IMMED. INHALED-REMOVE TO FRESH AIR IMMED. IF BREATHING  
HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP WARM & QUIET. MED  
ATTN IMME D. EYE-FLUS  
H WITH LARGE AMOUNTS OF WATER AT LEAST 15 MIN.  
GET MED ATTN. SKIN-REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA  
WITH SOAP & WATER. MED ATTN IF IRRITATION PERSISTS.

===== Fire Fighting Measures =====

Flash Point:102F-39C  
Extinguishing Media:NFPA CLASS B FIRE EXTINGUISHER DESIGNED TO  
EXTINGUISH FLAMMABLE LIQUID FIRES. PLYMER FOAM PREFERRED FOR LARGE  
FIRES.  
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. WATER  
MAY BE INNEF  
ECTIVE, BUT MAY BE USED TO PREVENT PRESSURE BUILD-UP.  
IF WATER IS USED, FOR NOZZLES ARE PREFERABLE.  
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE  
FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. CLOSED  
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

===== Accidental Release Measures =====

Spill Release Procedures:KEEP SPECTATORS AWAY. ELIM ALL IGNITION  
SOURCES. DIKE & CONTN SPILL WITH INERT MATL. TR LQDS TO COVMTL  
C  
NTNR FOR RECOV OR DISP OR REM W/INERT ABSORB.USE NON-SPRKG TOOLS.  
PLACE ABSORB MAT IN COV METAL CONTNR FOR DISP. PREVENT CONTAM OR  
SEW,STRMS, ETC

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE ABOVE 95 DEGREES F. STORE  
LARGE QUANTITIES IN COMPLIANCE OSHA 29CFR1910.106.  
Other Precautions:DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER EACH  
USE. DO NOT BREATH SANDING DUST. DO NOT WASH AND REUSE CONTAINERS  
FOR A

NY PURPOSE. DO NOT WELD, BRAZE OR CUT ON EMPTY CONTAINER.  
NEVER USE PRESSURE T O EMPTY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:SPRAYING OUTDOORS OR IN OPEN AREA USE NIOSH  
APPROVED MECH FILTER RESPR TO REMOVE SPRAYING.RESTRICTED AREA,  
NIOSH APPROVED PAINT SPRAY RESPR. CONFINED AREA-NIOSH APPROVED  
AIR-SUPPLIED RESPR. REFER TO 2 9CFR1910.1025 FOR LEAD.

Ventilation:PROVIDE GENERAL DILUTION & LOCAL EXHAUST VENTILATION.  
REMOVE D

ECOMP PRODUCTS GENERATED WHEN WELDING, CUTTING, OR BRAZING

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:WEAR SAFETY SPECTACLES

Other Protective Equipment:AS REQUIRED TO PREVENT SKIN CONTACT. SEE  
OSHA STANDARD FOR LEAD.

Supplemental Safety and Health

SOLVENT IMPERMEABLE GLOVES ARE REQUIRED FOR REPEATED OR PROLONGED  
CONTACT.

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:277F - 388F

Evaporation Rate & Reference:SLOWER THAN ETHER

R

Percent Volatiles by Volume:56

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR ALKALINE MATERIALS.

Stability Condition to Avoid:AVOID EXCESSIVE HEAT AND SOURCES OF  
IGNITION.

Hazardous Decomposition Products:BURNING, ALSO HEATED BY WELDING OR  
CUTTING, WILL PRODUCE SMOKE, CARBON MONOX & CARBON DIOX. MAYBE  
OXIDES OF LEAD.

Conditions to Avoid Polymerization:KEEP AWAY FROM HEAT, SPARKS AND  
FLAME.

=====

===== Disposal Considerations =====

Waste Disposal Methods: IAW FED, STATE & LOCAL LAWS. INCINERATE ONLY IN EPA PERMITTED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS. OBSERVE PRECAUTIONS FOR DISPOSAL OF FLAMMABLE MATERIALS. CONTAMINATED ABSORBANT MAY BE DISPOSED IN A HAZARDOUS WASTE LANDFILL.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.