

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:PR

ATT 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 Name: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 CHROMA
TE
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 DAMAGE TO
BLOOD FORMING, NERVOUS, URINARY & REPRODUCTION SYS
TEMS.
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 IMMEDIATELY. INHALED-REMOVE TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP WARM & QUIET. MEDICAL ATTENTION IMMEDIATELY. EYE-FLUSH WITH LARGE AMOUNTS OF WATER AT LEAST 15 MIN. GET MEDICAL ATTENTION.

SKIN-REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP & WATER. MEDICAL ATTENTION IF IRRITATION PERSISTS.

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

Flash Point: 102°F-39°C

Extinguishing Media: NFPA CLASS B FIRE EXTINGUISHER DESIGNED TO EXTINGUISH FLAMMABLE LIQUID FIRES. POLYMER FOAM PREFERRED FOR LARGE FIRES.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS. WATER MAY BE INEFFECTIVE, 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. ELIMINATE ALL IGNITION SOURCES. DIKE & CONTAIN SPILL WITH INERT MATERIAL. TRANSFER LIQUIDS TO COVERED CONTAINER FOR RECOVERY OR DISPOSAL OR REMOVE WITH INERT ABSORBENT. USE NON-SPARKING TOOLS

PLACE ABSORBENT MATERIAL IN COVERED METAL CONTAINER FOR DISPOSAL. PREVENT CONTAMINATION OF SEWERS, STREAMS, ETC.

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

Handling and Storage Precautions: DO NOT STORE ABOVE 95 DEGREES F. STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.

Other Precautions: DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER EACH USE. DO NOT BREATHE DUST. DO NOT WASH AND REUSE CONTAINERS FOR ANY PURPOSE. DO NOT WELD, BRAZE OR CUT ON EMPTY CONTAINER. NEVER

VER 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 DECOMP PRODUCTS GENERATED WHEN WELDING, CUTTING, OR BRAZING
Prote

ctive 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

Percent Volatiles by Volume:56

===== Stability a

nd 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 DISP OSED IN A HAZARDOUS WASTE LANDFILL.

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