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Product Identification
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Product ID:POLANE CATALYST V66 V 27

MSDS Date:06/08/1988

FSC:8010

NIIN:00-144-4801

MSDS Number: BLMYY

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:101 PROSPECT AVE N W

City:CLEVELAND

State:OH

ZIP:44115

Country:US

Info Phone Num:216-566-2902

Emergency Phone Num:216-566-2917

CAGE:54636

=== Contractor Identification ===

Company Name:SHERWIN

-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

Box:City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Phone:800-251-2486/216-566-2242

CAGE:54636

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Composition/Information on Ingredients
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Ingred Name:1-METHOXY-2-PROPANOL ACETATE (VAPOR PRESSURE: 1.8)

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 40%

Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)

CAS:584-84-9

RTECS #:CZ6300000

Fraction by Wt: 60%

Other REC Limits:NONE SPECIFIED

OS

HA PEL:C,0.02 PPM/0.02 STEL
ACGIH TLV:0.005PPM/0.02STEL;93
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)
CAS:584-84-9
RTECS #:CZ6300000
Fraction by Wt: 0.4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C,0.02 PPM/0.02 STEL
ACGIH TLV:0.005PPM/0.02STEL;93
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:VOC: 3.83 LB (THEORETICAL)
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 459 GM (THEORETICAL)
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Health Hazards Acute and Chronic:IRRIT--EYES/SKIN/RESPIRATORY SYSTEM.
MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME
OVEREXPOSURE--UNCONSCIOUSNESS & POSSIBLY DEATH. PROLONGED
OVEREXPOSURE TO SOLVENTS MAY CAUSE ADVERSE EFFECTS TO LIVER,
URINARY AND BLOOD FORMING SYSTEMS. REPEATED/PROLONGED
OVEREXPOSURE--PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE--SHOWN TO CAUSE

CANCER IN LAB ANIMALS WHEN ADMINISTERED DIRECTLY INTO STOMACH. NO
INHAL EVIDENCE.

Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF
COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR
SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE
EYE OR EXCESSIVE SKIN EXPOSURE.

Medical Cond Aggravated by Exposure:PERSONS SENSITIVE TO ISOCYANATES
WILL EXPERIENCE INCREASED ALLERGIC REACTIONS ON REPEATED EXPOSURE.

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First Aid Measures
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First Aid:INHALATION: IF BREATHING PROBLEMS OCCUR DURING USE, LEAVE THE AREA AND GET FRESH AIR. IF PROBLEMS REMAIN OR OCCUR LATER, IMMEDIATELY GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE. EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:PMCC

Flash Point:108F,42C

Lower Limits:1.3

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:FULL PROTECT EQUIP INCLUDING SCUBA. WATER SPRAY MAY BE INEFFECTIVE. FOG NOZZLES-PREFERRED. USE TO PREVENT BUILD UP/ COOL CNTNRS (PREVENT EXPLOSION/AUTO IGNITION)

Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT/IGNITION SOURCES/ ELECTRICAL EQUIP. CLOSED CONTAINERS MAY EXPLODE W/EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

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Accidental Release Measures
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Spill Release Procedures:REMOVE SOURCES--IGNITION. VENT AREA. PROTECT PERSONNEL IN THE AREA. COVER SPILL W/ABSORBENT MATERIAL. DEACTIVATE SPILLED MATERIAL WITH A 10% AMMONIUM HYDROXIDE SOLUTION (HOUSEHOLD AMMONIA). AFTER 10 MIN, COLLECT IN OPEN CNTNRS. ADD AMMONIA. COVER
Neutralizing Agent:LOOSELY WASH SPILL AREA W/SOAP & WATER.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT AND OPEN FLAME. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:CONTENTS ARE COMBUSTIBLE. TRANSFER ONLY TO APPROVED CONTAINERS W/COMPLETE & APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. THIS PRODUCT MUST BE MIXED W/OTHER COMPONENTS BEFORE USE. READ & FOLLOW WARNING

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Exposure Controls/Personal P
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rotection =====

Respiratory Protection:POS PRESS AIR SUPPLIED RSPRTR (NIOSH/MSHA), IF UNAVAIL, FITTED ORGANIC VAP/PARTIC RSPRTR (NIOSH/MSHA). WEAR RSPRTR DURING SPRAYING/TILL MIST GONE. NO PERSONS IN AREA W/OUT RSPRTR. SAND/ABRADE DRIED FI LM, WEAR DUST/MIST RSPRTR (NIOSH/MSHA)

Ventilation:LOCAL EXHAUST PREFERABLE/MECHANICAL ACCEPTABLE (CONC BELOW LEL). SEE OSHA 1910.94/.107/.108.

Protective Gloves:RECOMMENDED BY GLOVE SUPPLIER

Eye Protection:SAFETY GLASSES W/UNPERFORATED SIDESHIELD

Other Protective Equipment:USE BARRIER CREAM ON EXPOSED SKIN.

Work Hygienic Practices:WASH HANDS AFTER USE.

Supplemental Safety and Health

AVOID CONTACT WITH SKIN AND EYES. NO PERSON SHOULD USE THIS PRODUCT OR BE IN AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC LUNG OR BREATHING PROBLEMS OR IF THEY HAVE EVER HAD A REACTION TO ISOCYANATES. LABELS ON ALL COMPONENTS. INTENTIONAL MISUSE BY CONC & INHALING CAN BE HARMFUL/FATAL.

===== Physical/Chemical

Properties =====

HCC:F4

Boiling Pt:B.P. Text:284 TO 302F

Vapor Density:< AIR

Spec Gravity:9.57 LB/GL

Evaporation Rate & Reference:SLOWER THAN ETHER.

Percent Volatiles by Volume:47.7

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

Stability Indicator/Materials to Avoid:YES

CONTAMINATION WITH WATER, AMINES, ALCOHOLS & OTHER COMPOUNDS WHICH REACT W/ISOCYANATES.

Hazardous Decomposition Products:BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, POSSIBILITY OF HYDROGEN CYANIDE.

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

Waste Disposal Methods:INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS REGARDING POLLUTION.

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