

KOP-COAT INC -- TT-E-489H 16187 GRAY PC 1310GY44 -- 8010-00-286-7731

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Product Identification  
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Product ID:TT-E-489H 16187 GRAY PC 1310GY44

MSDS Date:01/01/1987

FSC:8010

NIIN:00-286-7731

MSDS Number: BNNDL

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-547-2468

Emergency Phone Num:800-424-9300

(CHEMTREC)/800-548-0489

Preparer's Name:C. A. HOPE

CAGE:00297

=== Contractor Identification ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Phone:800-553-5631, CHEMTREC 800-424-9300

CAGE:00297

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Composition/Information on Ingredients  
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Ingred Name:METHYL N-AMYL KETONE

CAS:110-43-0

RTECS #:MJ5075000

Fraction by Wt: 1-5%

Other REC Limits:NIOSH 100 PPM

OSHA PEL:100 PPM

ACGIH TLV:50 PPM

Ingred Name:XYLENES (SARA 313)

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CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 40-45%  
Other REC Limits:NIOSH 100 PPM\*  
OSHA PEL:100 PPM/150 PPM STEL  
ACGIH TLV:100 PPM/150 PPM STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:\*10 HR TWA, 200 PPM 10 MIN CEILING.  
RTECS #:9999999ZZ  
Other REC Limits:NONE SPECIFIED

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:KAOLIN  
CAS:1332-58-7  
RT  
ECS #:GF1670500  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Health Hazards Acute and Chronic:EYE: DIRECT CONTACT W/LIQ OR VAPOR MAY  
CAUSE IRRIT. SKIN: PROLONG/REPEAT CONTACT W/SKIN MAY CAUSE  
DEFATTING CHARACTERIZED BY REDNESS/CRACKING/BLISTERING/IRRIT &  
DERMATITIS. INHAL: INHAL OF HIGH CONC O F VA  
PORS MAY CAUSE RESP  
TRACT IRRIT & CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY  
HEADACHE/WEAKNESS/DIZZINESS/  
Effects of Overexposure:INCOORDINATION & POSSIBLE COLLAPSE.  
REPEAT/PROLONG INHAL OF HIGH CONC OF AIRBORNE PARTICULATES MAY LEAD  
TO LUNG CHANGES. INGEST: MAY CAUSE GASTROINTESTINAL DISTURBANCES  
SUCH AS NAUSEA, VOMITING, DIARR HEA & EFFECTS SIMILAR TO THOSE  
DESCRIBED UNDER INHAL. ASPIR OF PROD INTO LUNG MAY CAUSE CHEM  
PNEUMONITIS(CAN BE FATAL)

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First Aid Measures  
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First Aid:EYE: FLUSH IMMED W/LG AMT OF WTR FOR 15 MIN. GET MED AID.  
SKIN: WASH THOROUGH W/SOAP & WTR. IF REDNESS/ITCH/BURN SYMPTOMS,  
GET MED AID. WASH CONTAM CLOTH BEFORE REUSE. INHAL: RMV FROM EXPO.  
BREATH STO P/DIFFICULT, ADMIN ART RESP/OXYGEN. GETMED AID. INGEST:  
DONT INDUCE VOMITING. GIVE 1 GLASS MILK OR 1 TO 2 OZ OF ACTIVATED  
CHARCOAL IN WTR TO VICTIM AS TOLERATED. GET MED AID. DONT GIVE  
ANYTHING BY

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Fire Fighting Measures  
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Flash Point:82.0F,27.8C  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY, ALCOHOL/  
UNIVERSAL TYPE FOAMS(PER MFR RECOMMEND) WATER MAY BE INEFFECTIVE.  
Fire Fighting Procedures:WEAR FULL FIRE SERVICE PROTECTIVE EQUIPMENT,  
INCLUDING FULL-FACE MSHA/NIOSH APPROVED SCBA. USE WATER TO COOL  
FIRE- EXPOSED CONTAINER/STRUCTURE/PROTECT PERSONNEL  
Unusual Fire/Explosion Hazard:HEAT: VAPORS FORM FLAMM/EXPLO MIX IN AIR.  
MAY  
TRAVEL TO IGNIT SOURCE/FLASH. OPEN/CLSD CNTNR MAY CONTAIN  
FLAMM/EXPLO VAPORS. CLSD MAY EXPLO BY HEAT/FIRE. UNDER

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Accidental Release Measures  
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Spill Release Procedures:STOP IF NO RISK. AVOID BREATH. ELIM ALL IGNIT  
SOURCES. VENT AREA. AVOID CONTACT W/HOT LIQ/FUMES & HEAT/SPARKS.  
USE INERT ABSORB(FINISH CLEAN-UP). REACTS W/OXIDIZING MAT'L. RPT  
PROD RELEASED INTO ENVIR TO NATL RESPONSE CTR(800-424-8802) IF  
OVER 100LBS  
Neutralizing Agent:N  
/K MOUTH TO AN UNCONSCIOUS PERSON.

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Handling and Storage  
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Handling and Storage Precautions:AVOID PROLONG/REPEAT CONTCT  
W/SKIN/EYES. AVOID BREATH OF VAPORS/MIST/FUMES. HNDL/USE IN ACCORD  
W/OSHA 29CFR 1910.107. STORE IN COMPLY W/OSHA 1910.106  
Other Precautions:GRND/BOND DRUMS. NO PRESS TO EMPTY DRUMS. DONT WEAR  
CONTAM CLOTH-DISCARD FOOTWEAR. KEEP AWAY FROM HEAT/OPEN FLAMES.  
KEEP IN CLSD/LABELED CNTNR IN COOL, DRY-VENT AREA. PROTECT FRO

M

PHYSICAL DAMAGE. KEE P CNTNR CLSD WHEN MAT'L IS NOT IN USE.

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

Respiratory Protection:IF VENT DOESNT MAINTAIN INHAL EXPO BELOW PEL(TLV) USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29 CFR 1910.134-INSTRUCT/ WARNINGS & NIOSH-RESP DECISION LOGIC-PUB #87.108. IF WITHIN OSHA PROTECTION FAC TOR, AIR PURIFYING OV/FILTER UNITS OK.

Ventilation:SUFF GEN/LOCAL EXHST VENT IN PTRN/VOL TO CONTROL INHAL EXPO BELOW CUR

RENT EXPO LIMITS & AREAS BELOW FLAMM VAPOR CONC.

Protective Gloves:HEAVY DUTY NEOPRENE

Eye Protection:SAFETY GLASSES/CHEM GOGGLES/FACE SHIELD

Other Protective Equipment:WEAR INDUSTRIAL-TYPE CLOTHING AND SAFETY FOOTWEAR.

Work Hygienic Practices:WEAR RESISTANT PROTECTIVE GARMENTS SUCH AS: HEAD/ NECK COVER, APRONS, JACKETS, PANTS, COVERALLS, BOOTS, ETC.

Supplemental Safety and Health

NOTE TO PHYSICIAN: THERE IS NO SPECIFIC ANDTIDOTE FOR EFFECTS FROM OVEREXPORSURE TO THIS MATERIAL. TREAT

MENT SHOULD BE DIRECTED AT THE

CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION. LOCAL EXHAUST IS NECESSARY FOR USE IN ENCLOSED OR CONFINED SPACES. SEE OSHA REQUIREMENTS/NIOSH PUBLICATION 87-113 "CONFINED SPACES".

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

HCC:F4

Vapor Density:>1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY VISCOUS LIQUID WITH A TYPICAL SOLVENT ODOR.

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

Stability

Indicator/Materials to Avoid:YES

N/K FIRE CONDITIONS, MAY EMIT IRRITANT/TOXIC GAS AND/OR FUMES.

Stability Condition to Avoid:AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE UPON THERMAL DECOMPOSTION.

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

Waste Disposal Methods:THIS PRODUCT IS A US EPA DEFINED IGNITABLE HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WIT

## H LOCAL, STATE AND FEDERAL REGULATIONS.

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