

HENTZEN COATINGS INC -- 04600CHA-SC, ACTIVATOR FOR CAMO STD DRY ZENTHANE PLUS --
8010-01-465-9667

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

Product ID:04600CHA-SC, ACTIVATOR FOR CAMO STD DRY ZENTHANE PLUS

MSDS Date:10/13/1999

FSC:8010

NIIN:01-465-9667

Status Code:A

MSDS Number: CKDMC

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Phone Num:414-353-4200

Emergency Phone Num:414-353-4200

Chemtrec Ind/Phone:(800)424-9300

CAGE:09225

=== Contractor Identification ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Phone:414-353-4200

CAGE:09225

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

Ingred Name:NAPHTHALENE

CAS:91-20-3

RTECS #:OJ0525000

= Wt:2.86

OSHA PEL:50 MG/M3;10 PPM

ACGIH TLV:52 MG/M3;10 PPM

ACGIH

STEL:79 MG/M3;15 PPM

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)

CAS:64742-95-6

RTECS #:WF3400000

Minumum % Wt:20.

Maxumum % Wt:30.

Ingred Name:METHYL AMYL KETONE

CAS:110-43-0

RTECS #:MJ5075000

Minumum % Wt:30.

Maxumum % Wt:40.

OSHA PEL:465 MG/M3;100 PPM

ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:POLYURETHANE ACCELERATOR

Minumum % Wt:40.

Maxumum % Wt:50.

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===== Hazards Identification =====
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Routes of Entry: Inhal

ation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: EYE- IRRITATION, MAY CAUSE INJURY. SKIN- MAY CAUSE BURNS. INGESTION: IRRITATION, MAY CAUSE MUCASAL DAMAGE. INHALATION:CAN CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT, NASAL PASSAGES & THROA T. CHRONIC:PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE, LIVER AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:THIS PRODUCT HAS NOT BEEN TESTED AS A WHOLE FOR CARCINOGENICITY.

Effects of Overexposure:EYE CONTACT : IRRITATION. WILL INJURE EYE TISSUE

IF NOT REMOVED PROMPYLY. SKIN CONTACT: CONTAINS CORROSIVE MATERIAL. MAY CAUSE BURNS TO THE SKIN. INHALATION: CORROSIVE IRRITANT. CAN CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT AND MUCOUS MEMBRANES OF THE NASAL PASSAGES AND THROAT. MAY CAUSE HEADACHE, NAUSEA, COUGHING AND DIZZINESS. INGESTION: MAY CAUSE MUCOSAL DAMAGE. CHRONIC EFFECTS: REPORT S HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WIT

H PERMANENT

BRAIN AND NERVOUS SYSTEM DAMAGE, LIVER AND KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY AILMENTS; SKIN ALLERGIES AND ECZEMA; CHEMICAL SENSITIZATION.

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

First Aid:EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES WHILE LIFTING EYELIDS. TAKE TO A PHYSICIAN FOR MEDICAL TREATMENT. SKIN CONTACT: WASH AFFECTED AREAS WITH S OAP

AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS OR PERSISTS. INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. NOTIFY A PHYSICIAN. INGESTION: IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:=38.9C, 102.F

Lower Limits:.9

Upper Limits:6.0

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOA M.

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAMES.

Unusual Fire/Explosion Hazard:CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR PRODUCT CONTAINER (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE CAN IGNITE EXPOSIVELY. DURING A F IRE, IRRITATION AND HIGHLY TOXIC GASES (SEE REACTIVITY DATA) AND SMOKE

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

Spill Release Procedures:EVCUATE ALL NON-ESSENTIAL PERSONNEL AND REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES, ELECTRICAL, STATIC AND FRICTIONAL SPARKS). VENTILATE AREA. EQUIP CLEAN-UP CREW WITH APPROPRIATE PROTECTIVE EQUIPMENT, AVOID BREATHING VAPORS. AVOID SKIN CONTACT. NOTIFY APPROPRIATE AUTHORITIES IF NECESSARY. CONTAIN AND REMOVE WITH INERT ABSORBENT A

ND NONSPARKING TOOLS.

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Handling and Storage
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Handling and Storage Precautions:PRECAUTIONS MUST BE TAKEN SO THAT PERSONS HANDLING THIS PRODUCT DO NOT BREATHE THE VAPORS OR HAVE IT CONTACT THE EYES OR SKIN. IN SPRAY OPERATIONS, PROTECTION MUST BE AFFORDED AGAINST EXPOSURE TO BOTH VAPOR AND SPRAY MIST, CAN CAUSE IRRITATION TO EYES, SKIN, NOSE AND THROAT. AVOID CONTACT WITH EYES

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE, DO NOT WELD, HEAT OR EXPOSE TO SPARKS.

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Exposure Controls/Personal Protection
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Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USE IN ORGANIC VAPOR CONTAINING ENVIRONMENTS MAY BE NECESSARY. IN SPRAY APPLICATIONS, AN ORGANIC VAPOR/PARTICULATE RESPIRATOR OR AIR-SUPPLIED UNIT IS NECESSARY. TAKE INTO ACCOUNT OTHER MATERIALS BEING USED CONCURRENTLY, THE TYPE OF APPLICATION AND ENVIRONMENTAL CONCENTRATIONS WHEN SELECTING RESPIRATOR

OR.

Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW CURRENT APPLICABLE

Protective Gloves:CHEMICAL RESISTANT GLOVES ARE REQUIRED(NEOPRENE,NITRILE OR PVC),

Eye Protection:USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS.

Other Protective Equipment:EDUCATE AND TRAIN EMPLOYEES IN THE SAFE USE OF THIS PRODUCT. OTHER SKIN COVERING SUCH AS AN APRON OR CHEMICAL SUIT MAY BE NEEDED TO PROTECT AGAINST SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. SAFETY SHOWERS AND EYE WASH STATION SHOULD BE AVAILABLE.

Supplemental Safety and Health

CONTACT LENS SHOULD NOT BE WORN. OBSERVE OSHA REGULATION FOR RESPIRATOR USE (29 CFR 1910.134).

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Physical/Chemical Properties
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HCC:F4

Boiling Pt:B.P. Text:295.0F-429.0F

Vapor Pres:2.14

Vapor Density:4.80

Spec Gravity:.85G

VOC Pounds/Gall

on:501
VOC Grams/Liter:4.18
Evaporation Rate & Reference:.400 (N-DUTYL ACETATE=1)
Solubility in Water:REACTS SLOWLY WITH WATER
Appearance and Odor:CLEAR LIQUID SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, STRONG ACIDS.
Stability Condition to Avoid:HEATING TO DECOMPOSITION.
Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN
HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY CONT
AIN THE
FOLLOWING: CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC VAPORS
DEPENDING UPON THE TEMPERATURE REACHED.

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

Waste Disposal Methods:RECYCLE, FUEL BLEND OR INCINERATE. DISPOSE OF
IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. IT IS THE
RESPONSIBILITY OF THE OWNER OF THE WASTE TO DISPOSE OF IT PROPERLY.
LABORATORY ANALYSIS IS RECOMMENDED TO PROFILE THE WASTE FOR PROPER
DISPOSAL DETERMINATION.
U.S. E.P.A. WASTE NUMBER AND DE SCRIPTON:
D001 WASTE PAINT.

===== MSDS Transport Information =====

Transport Information:PSN: PAINT, 3, UN1263, III. LABEL: FLAMMABLE
LIQUID.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS NAPHTHALENE, CAS #
91-20-3 (2.863% WT), AND IS SUBJECT TO THE REPORTING REQUIREMENT
OF SEC 313 (40 CFR 372).
Federal Regulatory Information:THE INGREDIENT
S OF THIS PRODUCT ARE ON
THE TSCA INVENTORY.

===== Other Information =====

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