

HENTZEN COATINGS INC -- ACTIVATOR FOR GLOSS STANDARD DRY ZENTHANE --
8010-01-465-9638

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

Product ID:ACTIVATOR FOR GLOSS STANDARD DRY ZENTHANE

MSDS Date:08/09/2000

FSC:8010

NIIN:01-465-9638

Status Code:A

MSDS Number: CLJHT

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

In

fo Phone Num:414-353-4200

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

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:1,2,4-TRIMETHYLBENZENE

CAS:95-63-6

RTECS #:DC3325000

= Wt:5.4

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred

Name:AROMATIC HYDROCARBON

CAS:64742-95-6

RTECS #:WF3400000

= Wt:11.52

Other REC Limits:100 PPM

Ingred Name:METHYL AMYL KETONE

CAS:110-43-0

RTECS #:MJ5075000

= Wt:21.18

OSHA PEL:465 MG/M3;100 PPM

ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:POLYURETHANE ACCERATOR

Minumum % Wt:50.

Maxumum % Wt:75.

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

Health Hazards Acute and Chronic:CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH

PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE, LIVER AND KIDNEY DAMAGE.

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

Effects of Overexposure:EYE CONTACT: IRRITATING, WILL INJURE EYE TISSUE IF NOT REMOVE PROMPTLY. SKIN CONTACT: CONTAINS CORROSIVE MATERIAL. MAY CAUSE BURNS TO THE SKIN. INHALATION: CORROSIVE MATERIAL. CAN CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT AND MUCOUS MEMBRANE OF THE NASAL PASSAGES AND THROAT.

MAY CAUSE HEADACHE , NAUSEA, COUGHING DIZZINESS, INGESTION: MAY CAUSE MUCOSAL DAMAGE.

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

=====
===== 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 SOAP 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.

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

Flash Point Method:TCC

Flash Point:=-38.9C, 102.F

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.

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. CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAMES.

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

Spill Release Procedures:EVACUATE 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. PREVENT ENTRY INTO DRAINS. SEWERS AND WATERWAYS. NOTIFY APPROPRIATE AUTHORITIES IF NECESSARY. CONTAIN AND REMOVE WITH INERT ABSORBENT .

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

Handling and Storage Precautions:PRECAUTION 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. DO NOT STORE ABOVE 120F OR BELOW 32F. STORE LARGE QUANTITIES IN BUILDINGS.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USE IN ORGANIC VAPOR CONTAINING ENVIRONMENTS MAY BE NECESSARY. IN SPRAY

APPLICATION, AN ORGANIC VAPOR/PARTICULATE RESPIRATOR OR AIR-SUPPLIED UNIT IS NECESSARY.

Ventilation:PRECAUTION MUST BE TAKEN SO THAT PERSONS HANDLING THIS PRODUCT DO NOT BREATHE THE VAPORS OR HAVE IT CONTACT THE YES OR SKIN.

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

Eye Protection:USE SAFETY EYEWEAR WITH SPLASH AWARDS OR SIDE SHIELDS

Other Protective Equipment:SAFETY SHOWERS AND EYE WASH STATION SHOULD BE AVAILABLE. EDUCATE AND TRAIN

EMPLOYEES IN THE SAFE OF THIS PRODUCT.

Supplemental Safety and Health

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

Boiling Pt:=146.1C, 295.F

B.P. Text:295-418F

Vapor Pres:2.14

Vapor Density:4.80

VOC Pounds/Gallon:337

VOC Grams/Liter:2.81

Evaporation Rate & Reference:.400 (N-BUTYL ACETATE=1)

Solubility in Water:REACTS SLOWLY WITH WATER

Appearance and Odor:CLEAR LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:40.11

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ACIDS.

Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY CONTAIN THE FOLLOWING: CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC VAPORS DEPENDING UPON THE TEMPERATURE REACHED

===== Toxicological Information =====

Toxicological Information:ACUTE TOXICITY: INHAL: LC50: >5 MG/L/4 HRS (RATS, DATA FROM

SIMILAR TONER). INGEST: ORAL LD50: >2000 MG/KG
(RATS, DATA FROM TONER INGREDIENTS). EYE CONTACT: NOT CLASSIFIED AS
IRRITANT, ACCORDING TO OSHA HAZARD COMMUNICATION STANDARD (HCS) &
EU DIRECTIVE 67/548/EEC BASED ON TEST DATA OF RABBITS. SKIN CONTACT:
NOT CLASSIFIED AS IRRITANT, ACCORDING TO OSHA HCS & EU DIRECTIVE
67/548/EEC BASED ON TEST DATA OF RABBITS. CHRONIC TOXICITY: NO
DATA AVAILABLE. SENSIT: NOT CLASSIFIED AS SENSITIZER ACCORDING TO ANNEX
1 OF EU DIRECTIVE 67/548/EEC
& FHSA. MUTAGENICITY: NEGATIVE (AMES
TEST: SALMONELLA TYPHIMURIUM). (OTHER INFO)

=====
Ecological Information
=====

Ecological:NO DATA AVAILABLE FOR ECOLOGICAL AND WASTEWATER TREATMENT
(SEWAGE) SYSTEMS.

=====
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.

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

Transport Information:INTERNATIONAL TRANSPORT INFORMATION: UN NO: 2807.
UN SHIPPING NAME: MAGNETIZED MATERIAL. HAZARDS CLASS: 9. PACKING
GROUP: NONE. SPECIAL PRECAUTIONS: 73 OR MORE OF THESE PRODUCTS
SHIPPED TOGETHER BY AIR ARE REGULATED AS MAGNETIZED MATERIAL.

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

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND
OF 40 CFR 372. 1,2,4 TRIMETHYLBENZENE 95-63-6 5.4860%

State Regulatory Information:

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

=====
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.