

MSDS DATE: 5/16/88

MSDS NO.: 16-121E65-13  
REPLACES: 16-121E65-11

## MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 24483200  
PRODUCT NAME: DEVTRAN 244HS OFF WHITE BASEMANUFACTURER: DEVCO COATINGS COMPANY  
4000 DUPONT CIRCLE, LOUISVILLE, KY 40207  
EMERGENCY TELEPHONE: 800-424-9300 (CHEMTREC)  
TELEPHONE: 502-897-9861

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCT. BY WT.	CAS NO.	ACGIH TLV (PPM)	OSHA PEL (PPM)	HAZARDOUS a b c	VAPOR (2) PRESSURE
EPOXY RESIN	50	MIXTURE	NA	NA		NA
TITANIUM DIOXIDE	20	13463-67-7	D	DD		NA
BARIUM SULFATE	25	7727-43-7	D	DD		NA
N-BUTYL ALCOHOL	5	71-36-3	50 (C) SKIN	100	X X	5.9

NOTE: This product does not contain ingredients considered carcinogens or potential carcinogens by ACGIH, Federal OSHA, NTP, IARC, or CAL/OSHA.

ABBREVIATIONS: NE-NOT ESTABLISHED, NA-NOT APPLICABLE, C-CEILING LIMIT, D-NUISANCE PARTICLE TLV 10 MG/M<sup>3</sup> TOTAL DUST, [C]-CARCINOGEN, [PC]-POTENTIAL CARCINOGEN, DD-INERT OR NUISANCE DUST PEL 15 MG/M<sup>3</sup> TOTAL DUST, (1) NOT ESTABLISHED. USE STODDARD SOLVENT AS A GUIDE, (2) mm Hg. [X] - HAZARDOUS ACCORDING TO: a-SARA 302/304, b-SARA 313, c-CERCLA 103a

## SECTION III - PHYSICAL DATA

B.P. RANGE: 240 - 244 DEGREES F POUNDS PER GALLON: 13.67 VAPOR DENSITY: X HEAVIER  
PERCENT VOLATILE BY VOLUME: 11.99 VOC: 98.02 (GRAMS/LITER) EVAPORATION RATE: X FASTER X LIGHTER THAN AIR  
SLOWER THAN ETHER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

## FLAMMABILITY CLASSIFICATION

OSHA CLASSIFICATION 29 CFR 1910.106 (a) PARTS 18-19.

COMBUSTIBLE LIQUID - CLASS II

## EXTINGUISHING MEDIA

In case of fire use CO2 Dry Chemical, Foam, or other National Fire Protections Association (NFPA) approved method for treating a Class B fire.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and flame. Due to pressure build-up, closed containers exposed to extreme heat may explode. Never use a welding or cutting torch on or near container (even empty) as product or its residue may ignite. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

## SPECIAL FIRE FIGHTING PROCEDURES

Summon professional firefighters. Use full protective equipment including self contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles preferable. If exposed to fire or extreme heat, water should be used to cool closed containers and prevent pressure build up or possible auto-ignition.

## SECTION V - HEALTH HAZARD DATA

## EFFECTS OF OVEREXPOSURE

ACUTE BREATHING: Irritation of the respiratory tract; headache, nausea, dizziness, weakness and fatigue. Extreme exposure can result in unconsciousness and even respiratory arrest.

SKIN OR EYE CONTACT: Causes eye and skin irritation. May be harmful if absorbed through the skin.

SWALLOWING: Can cause stomach and/or intestinal irritation, nausea, vomiting and diarrhea.

CHRONIC Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Prolonged or repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs.

## MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE

None, when used in accordance with safe handling and use information (See Section VIII).

PRIMARY ROUTE(S) OF ENTRY X SKIN X BREATHING X SWALLOWING

SECTION V Continued on Next Page

AST AIRPORT

## SECTION V - HEALTH HAZARD DATA (Continued)

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## AGENCY AND FIRST AID PROCEDURES

IF BREATHED: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, summon medical assistance immediately. If breathing ceases, restore using approved CPR techniques and summon medical help immediately.

IF IN EYES: Flush immediately with large amounts of water for at least 15 minutes. Get medical assistance.

IF ON SKIN: Wash affected areas with soap and water. Remove soiled clothing. Get medical assistance if irritation persists.

IF SWALLOWED: Consult a physician immediately.

CE: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

## R TOXICITY DATA:

EPOXY RESIN	LD50: 4200 MG/KG(RABBIT,DERMAL)	LC50: IRRITATING
TITANIUM DIOXIDE	LD50: >24000 MG/KG (RAT,ORAL)	LC50: NO DATA AVAILABLE
N-BUTYL ALCOHOL	LD50: 2.5 GM/KG (ORAL, RAT)	LC50: 8000 PPM (4 HR,RAT)

## SECTION VI - REACTIVITY DATA

STABILITY: ☐ Unstable ☒ Stable

COMPATIBILITY: Avoid contact with strong oxidizing agents.

## DECOMPOSITION PRODUCTS

cause toxic fumes when heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide.

POLYMERIZATION ☐ May occur ☒ Will not occur

## SECTION VII - SPILL OR LEAK PROCEDURES

## ACTIONS TO BE TAKEN IF MATERIAL IS SPILLED

Eliminate all sources of ignition (flames, hot surfaces, and electrical, static or frictional sparks). Prevent breathing of vapors. Isolate area. Before attempting clean-up, refer to hazard caution informations in other sections of this material safety data sheet. Contain spilled material and remove with inert absorbent and non-sparking tools. Store in closed container until properly disposed of.

## DISPOSAL METHOD

Dispose of in accordance with local, state and federal regulations. Incinerate only in approved facility. Do not incinerate closed containers.

## SECTION VIII - SAFE HANDLING AND USE INFORMATION

## RESPIRATORY PROTECTION

Do not breathe vapors, spray mist or sanding dust. When spray applied in outdoor or open areas, and during sanding or grinding operations, use NIOSH/MSHA approved mechanical filter respirator to remove solid airborne particles of overspray and sanding dust. When used in restricted ventilation areas, wear NIOSH/MSHA approved chemical/mechanical filter designed to remove a combination of particulates and vapor. When used in confined areas, wear NIOSH/MSHA approved air supply respirators or use hoods. Use NIOSH/MSHA approved respirator when flame cutting, welding, brazing and sanding material coated with this product.

## DILUTION

Provide general dilution or local exhaust ventilation in volume and pattern to keep air contaminant concentration below current applicable safety and health standards in the mixing, application and curing areas and to remove sanding dusts of dried coatings decomposition products during welding and flame cutting on surfaces coated with this product. Vapors may spread long distances. Prevent build-up by removing heavy solvent vapors from lower levels of the work area. Eliminate all ignition sources.

PROTECTIVE GLOVES: Do not get on skin. Solvent impermeable gloves to prevent skin contact are recommended.

PROTECTION: Do not get in eyes. Solvent resistant safety eyewear with splash guards or side shields is recommended.

RESPIRATORY PROTECTIVE EQUIPMENT: Do not get on skin. Solvent impermeable clothing and boots to prevent skin contact are recommended.

SAFETY PRACTICES: Remove and wash soiled clothing before reuse. Wash hands before eating or smoking.

## SECTION IX - OTHER PRECAUTIONS

## ACTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and flames. Do not smoke. Prevent build-up of vapors by maintaining continuous flow of fresh air. Do not store above 120 degrees F or near fire or open flame. Store large quantities in buildings to comply with OSHA 1910.106. Keep container closed when not in use. Do not transfer contents to bottles or other unlabelled containers. Do not reuse empty containers. If this material is part of a two component product, then the mixture of base and converter portions will have properties of both components. Observe all applicable precautions.

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm (Proposition 65).

The information herein is given in good faith but no warranty, expressed or implied is made. Consult Devco Coatings Company for further information.