

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	DEVTHANE 379 HS CONVERTER/HARDNER
National Stock Number	8010P1797
CAGE Code	ICIPT
Part Number Indicator	B
MSDS Number	194730
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	ICI PAINTS, NORTH AMERICA
Street	925 EUCLID AVE
City	CLEVELAND
State	OH
Country	US
Zip Code	44115
Emergency Phone	800-424-9300 (CHEMTREC)
Information Phone	800-525-2643

MSDS Preparer's Information

Date MSDS Prepared/Revised	09AUG02
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	CLEAR LIQUID/HARDNING AGENT
Boiling Point	293
Vapor Pressure	NA
Vapor Density	NA
Specific Gravity	1
Evaporation Rate	NA
Solubility in Water	NA
Percent Volatiles by Volume	13.00
Chemical pH	NA
Container Pressure Code	1
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	135
Flash Point Method	UNK
Lower Explosion Limit	NA
Upper Explosion Limit	NA
Extinguishing Media	DRY CHEMICAL, FOAM WATER FOG, CARBON DIOXIDE
Special Fire Fighting Procedures	FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION AND SCBA,
Unusual Fire/Explosion Hazards	CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE. DUST EXPLOSION HAZARD

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	ELEVATED TEMPS. CONTACT W/OXIDIZING AGENTS, SPARKS, OPEN FLAME, IGNITION SOURCES
Materials to Avoid	OXIDIZERS, ACIDS, REDUCING AGENTS, BASES, ALDEHYDES, HALOGENS, AMINES, HYDROGEN CHLORIDE, PEROXIDES, AMMONIA, NITRIC ACID, VINYL POLYMERS, METAL COMPOUNDS, PHOSPHORUS, HYDROGEN FLUORIDE, MAGNESIUM, CAUSTICS, NITRATES

Hazardous Decomposition Products
Hazardous Polymerization
Polymerization Conditions to Avoid

IRRITANT AND/OR TOXIC GASES
NO
WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	[INHALE] IRRITATION OF RESP TRACT. PROLONGED INHALE MAY LEAD TO MUCOUS MEMBRANE IRRITATION, FATIGUE, CENTRAL NERVOUS SYSTEM DEPRESSION, LOSS OF CONSCIOUSNESS, DEATH. [SKIN] IRRITATION, DERMATITIS, DEFATTING, ALLERGIC RESPONSE, DERMAL ABSORPTION. [EYE] IRRITATION. CONJUNCTIVITIS, TEARING OF EYES, REDNESS, CORNEAL INJURY. [INGEST] LUNG INFLAMMATION AND DAMAGE DUE TO ASPIRATION INTO LUNGS, MOUTH, THROAT IRRITATION. GASTRO- INTESTINAL DISTURBANCES, ABDOMINAL PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION,
Carcinogenity: NTP	N/R
Carcinogenity: IARC	N/R
Carcinogenity: OSHA	N/R
Explanation of Carcinogenity	NO DATA
Symptoms of Overexposure	CONT.ANESTHETIC EFFECT OR NARCOSIS, PULMONARY EDEMA, CONVULSIONS. LOSS OF CONSCIOUSNESS
Medical Cond. Aggravated by Exposure	EYE, SKIN RESPIRATORY DISORDERS ASTHMA LIKE COND. KINDEY, LIVER, NERVOUS SYSTEM, DISORDERS
Emergency/First Aid Procedures	[EYE] FLUSH W/WATER FOR AT LEAST 15 MIN. LIFTING EYELIDS, IF IRRITATION PERSISTS OR OCCURS, SEEK MED. ATTN. [SKIN] FLUSH W/WATER, WASH WITH MILD SOAP, IF ANY PRODUCT REMAINS, GENTLY RUB PETROLEUM JELLY, VEG., MINERAL, OR BABY OIL ONTO SKIN. REMOVE CONTAMINATED CLOTHING, LAUNDER BEFORE REUSE. IF IRRITATION PERSISTS OR OCCURS, SEEK MED. ATTN. [INHALE] MOVE TO FRESH AIR, IF NECESSARY GIVE ARTIFICIAL RESPIRATION OR OXYGEN. IF

IRRITATION PERSISTS OR OCCURS,
SEEK MED. ATTN.[INGEST] GET
IMMED. MED. ATTN. DO NOT GIVE
ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	ELIMINATE ALL SOURCES OF IGNITION, VENTILATE AREA WITH EXPLOSION PROOF EQUIPMENT. COLLECT W/ABSORBENT MATERIALS. USE NON-SPARKING TOOLS, PLACE IN PROPER CONTAINER. VACUUM W/GROUNDED EQUIPMENT
Neutralizing Agent	NONE LISTED
Waste Disposal Method	IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL REGULATIONS
Handling and Storage Precautions	STORE BELOW 80F KEEP AWAY FROM ALL SOURCES OF IGNITION. KEEP AWAY FROM DIRECT SUNLIGHT. USE WITH ADEQUATE VENTILATION. KEEP CONT. TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE. EMPTY CONT. MAY CONTAIN HAZARDOUS RESIDUES
Other Precautions	GROUND EQUIP. WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE. READ AND UNDERSTAND ALL CAUTIONS, LABELS AND MSDS BEFORE USING ANY CHEMICAL PRODUCT

SECTION VIII - Control Measures

Respiratory Protection	POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY WHEN THE AIRBORNE ISOCYANATE CONCENTRATIONS ARE NOT KNOWN
Ventilation	DILUTION VENTILATION OR LOCAL EXHAUST
Protective Gloves	IMPERVIOUS GLOVES
Eye Protection	SAFETY GLASSES OR GOGGLES, FACE SHIELD
Other Protective Equipment	EYE WASH STATION, SAFETY SHOWER, IMPERVIOUS CLOTHING, APRON
Work Hygienic Practices	WASH HANDS THOROUGHLY AFTER HANDLING
Supplemental Health/Safety Data	NONE LISTED

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	EYE, SKIN RESPIRATORY DISORDERS ASTHMA LIKE COND. KINDEY, LIVER, NERVOUS SYSTEM, DISORDERS

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	.9417
Volatile Organic Compounds (G/L)	112.8522

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	ACETIC ACID, BUTYL ESTER
CAS Number	123864
Percent	10
Ingredient #	02
Ingredient Name	BENZENE, DIMETHYL-
CAS Number	1330207
Percent	1
Ingredient #	03
Ingredient Name	HEXANE, 1,6-DIISOCYANATO-, HOMOPOYLMER
CAS Number	28182812
Percent	95
Ingredient #	04
Ingredient Name	SOLVENT NAPHTHA, PETROLEUM, LIGHT AROM
CAS Number	64742956
Percent	5
Ingredient #	05

Ingredient Name
CAS Number
Percent
Ingredient #
Ingredient Name
CAS Number
Percent

HEXANE, 1,6-DIISOCYANATO-
822060
1
06
BENZENE, 1,2,4-TRIMETHYL-
95636
5
