

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DIVE & SLIDE POLYURETHANE COATING - PART A HMIS CODES: H F R P
 PRODUCT CODE: 59-1008 SAHARA TAN 2*2 0

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: NELSONITE POOL AND DECK COATING
 ADDRESS : 3150 E. PICO BLVD.
 LOS ANGELES, CA 90023-3683
 EMERGENCY PHONE (CHEMTREC) : (800) 424-9300 DATE PRINTED : 8/15/2012
 INFORMATION PHONE : (800) 544-1998 NAME OF PREPARER :

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	
-----	-----	mmHG	@TEMP (F)
PARACHLOROBENZOTRIFLUORIDE	98-56-6	5.3	68
OSHA PEL: NE, ACGIH TLV: NE			
BARIUM SALT OF AROMATIC SULFONIC ACID	PROPRIETARY		
TITANIUM DIOXIDE (as total nuisance dust)	13463-67-7	NA	NA
OSHA PEL: 10 ppm, ACGIH TLV: 10 mg/m3			
MINERAL SPIRITS, MED. ALIPHATIC SOLVENT NAPHTHA	64742-88-7	1.1	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
~ XYLENE	1330-20-7	6.1	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
~ ETHYL BENZENE	100-41-4	10	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
ACRYLIC FLOW MODIFIER	PROP.		
~ STYRENE	100-42-5	4.5	68
OSHA PEL: 100 PPM, ACGIH TLV: 50 PPM			
~ METHYL ALCOHOL	67-56-1	96	68
ACGIH TLV: 200 ppm OSHA PEL: 200 ppm			
CRYSTALLINE SILICA, QUARTZ	14808-60-7	NA	NA
OSHA PEL: 0.1 mg/m3, ACGIH TLV: 0.1 mg/m3			

~Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE (Deg F): 148 - 330 DENSITY: 11.98 lb/gl
 VAPOR DENSITY: HEAVIER THAN AIR SPECIFIC GRAVITY (H2O=1): 1.44
 COATING V.O.C.: 0.83 lb/gl MATERIAL V.O.C.: 0.4 lb/gl
 COATING V.O.C.: 100 g/l MATERIAL V.O.C.: 48 g/l
 SOLUBILITY IN WATER: Negligible EVAPORATION RATE: SLOWER THAN ETHER
 APPEARANCE AND ODOR: Tan liquid with mild odor

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT (Deg F): 54 METHOD USED: TCC
 FLAMMABLE LIMITS IN AIR BY % VOLUME- LOWER: 0 UPPER: 36

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EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

Use approved self-contained breathing apparatus. Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep away from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat due to pressure build-up.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

Heat, sparks, open flame, strong oxidizing conditions

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents, isocyanates and acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Thermal decomposition may yield CO and/or CO2, oxides of nitrogen, amines & other aliphatic fragments.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Inhalation: Excessive inhalation of vapors may cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in narcosis.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin contact may cause irritation. Symptoms of skin irritation may be reddening, swelling, scaling or blistering. Eye contact may cause tearing, reddening and swelling of the eyes.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption may cause systemic effects similar to those identified under inhalation effects.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause eye, nose and skin irritation, headache, dizziness and nausea. Ingestion may result in vomiting; aspiration of liquid into the lungs may result in aspiration pneumonitis. Chronic: Long term exposure may lead to central nervous system depression and dermatitis.

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CARCINOGENICITY: NTP CARCINOGEN: Yes IARC MONOGRAPHS: Yes OSHA REGULATED: No
This material contains crystalline silica, which has been classified as a known carcinogen for humans (1) by IARC and a probable carcinogen by NTP. Crystalline silica is also a known cause of silicosis, a non-cancerous lung disease caused by excessive exposure to crystalline silica. This material contains styrene, which is classified as a possible carcinogen for humans (2B) by IARC. This material contains ethylbenzene which is classified as "possibly carcinogenic to humans" (2B) by IARC. This material contains benzene, which is classified as a known human carcinogen by IARC (International Agency for Research on Cancer) and NTP (National Toxicology Program) has classified benzene as "known to be a carcinogen".

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing eye, skin and respiratory disorders may be aggravated.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY.
SPLASH(EYES): FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SPLASH(SKIN): WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. FOR SEVERAL EXPOSURES GET UNDER SAFETY SHOWER AFTER REMOVING CLOTHING, THEN GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE 1 TO 2 CUPS OF MILK OR WATER TO DRINK. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. CONSULT PHYSICIAN IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL SOURCES OF IGNITION. ABSORB WITH INERT MATERIAL (SAND, VERMICULITE, ETC.), SWEEP OR SCOOP UP AND PUT IN DISPOSAL CONTAINER. FLUSH AREA OF SPILL WITH WATER.

WASTE DISPOSAL METHOD

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue and flammable solvent vapor. Decontaminate containers prior to disposal. DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and open flame. Ground containers during storage and transfer operations. Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Avoid contact with skin and eyes.

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged contact. Ground equipment to prevent accumulation of static charge.

===== SECTION VIII - CONTROL MEASURES =====

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RESPIRATORY PROTECTION

Provide exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit value. If workplace exposure limit(s) of product or any component is exceeded, a NIOSH-approved respirator is advised in absence of proper environmental control.

VENTILATION

Exhaust ventilation sufficient to keep the airborne concentration of the solvents, HDI and polyisocyanate below their respective TLV must be utilized.

PROTECTIVE GLOVES

Chemical resistant gloves: Cover as much of the skin area as possible with appropriate clothing.

EYE PROTECTION

Safety glasses, splash goggles or face shield. Contact lenses should not be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Safety showers and eyewash stations should be provided.

WORK/HYGIENIC PRACTICES

Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

SECTION IX - TRANSPORT INFORMATION

DOT (GROUND)

1.3 gallons (5 liters) or less:
UN1263, Paint, 3, PGII, "Ltd. Qty."

Greater than 1.3 gallons (5 liters):
UN1263, Paint, 3, PGII

AIR

UN1263, Paint, 3, PGII

SECTION X - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Contains: Benzene -

This product contains a chemical known to the State of California to cause cancer.

Contains: Benzene - Ethylbenzene - Silica, Crystalline -

SECTION XI - DISCLAIMER

The information contained herein is based on the data available to us and is believed to be correct. However, NELSONITE POOL AND DECK COATING makes no warranty expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. NELSONITE POOL AND DECK COATING assumes no responsibility for

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injury from the use of the product described herein.