

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : HT 18023 HI-TECH PREMIUM RUBBERIZED UNDERCOAT
 PRODUCT USE/CLASS : UNDERCOATING

SUPPLIER/DISTRIBUTOR:

HI-TECH INDUSTRIES
 19270 W. 8 MILE ROAD
 SOUTHFIELD, MI 48075
 INFORMATION: 248 358-5533
 M-F 8:00 A.M. - 5:00 P.M.
 FAX: 248 358-0110

EMERGENCY TELEPHONE: 800 535-5053
 24 HOURS

DATE PREPARED: 05-09-2012

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WEIGHT %
01	CALCIUM CARBONATE	1317-65-3	30-40
02	TOLUENE	108-88-3	10-20
03	PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	1-10
04	PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	1-10
05	METHYL ACETATE	79-20-9	1-10
06	1,2-BENZENEDICARBOXYLIC, DIBUTYL ESTER	84-74-2	1-10

EXPOSURE LIMITS					ACGIH	OSHA
COMPANY						
ITEM	TLV-TWA SKIN	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	10 MG/M3	N.E.	15 MG/M3	N.E.	N.E.	NO
02	20 PPM		200 PPM	300 PPM	N.E.	NO
03	1000 PPM	N.E.	800 PPM	N.E.	N.E.	YES
04	N.E.	N.E.	N.E.	N.E.	N.E.	NO
05	200 PPM	250 PPM	200 PPM	N.E.	N.E.	NO
06	5 MG/M3	N.E.	5 MG/M3	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. Aspiration hazard.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage.

PRIMARY ROUTES OF ENTRY: SKIN CONTACT / INHALATION / INGESTION / EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

FIRST AID - SKIN CONTACT: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -141 F
(PENSKY-MARTENS C.C.)

LOWER EXPLOSIVE
UPPER EXPLOSIVE

LIMIT: 0.5 %
LIMIT: 16.0 %

AUTOIGNITION TEMPERATURE: ND

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

AEROSOL LEVEL:1

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing. LEVEL 1

AEROSOL: KEEP OUT OF THE REACH OF CHILDREN! Do not store above 120F (49C). Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Impervious gloves and chemical splash goggles should be used when handling liquid.

EYE PROTECTION: Wear safety glasses with side shields or goggles when using this product.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: -23 - 645 F	VAPOR DENSITY: Is heavier than air
ODOR: SOLVENT	ODOR THRESHOLD: ND
APPEARANCE: BLACK	EVAPORATION RATE: Faster than Butyl Acetate
SOLUBILITY IN H2O: NEGLIGIBLE	FREEZE POINT: ND
SPECIFIC GRAVITY: 1.0458	VAPOR PRESSURE: ND
pH @ 0.0 %: NA	PHYSICAL STATE: AEROSOL
VISCOSITY: ND	COEFFICIENT OF WATER/OIL DISTRIBUTION: ND
VOLATILE ORGANIC COMPOUNDS (VOCs): 3.45 lbs/gal, 413 grams/ltr	
VOC, % (wt): 39.62%	

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES.

INCOMPATIBILITY: MAY REACT WITH OXYGEN AND STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, OXIDES OF CARBON AND OXIDES OF NITROGEN, PHOSPHOROUS, AND/OR SULFUR ARE POSSIBLE.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions. STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD50: 20 mg/kg

PRODUCT LC50: >16000 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
CALCIUM CARBONATE	NE	NE
TOLUENE	636 MG/KG/RAT	49000
MG/M3/4H/RAT HYDROCARBON RESIN	NE	NE
PROPANE/ISOBUTANE/N-BUTANE	NE	658000
MG/M3/4HRAT PROPANE/ISOBUTANE/N-BUTANE	NE	NE
METHYL ACETATE	6970 MG/KG/RAT	>16000
PPM/4H/RAT SBS BLOCK COPOLYMER	NE	NE
1,2-BENZENEDICARBOXYLIC, DIBUTYL ESTE 20-25 G/KG RAT		NE

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY DOT TECHNICAL NAME:

DOT HAZARD CLASS: ORM-D

HAZARD SUBCLASS:

DOT UN/NA NUMBER:

PACKING GROUP:

RESP. GUIDE PAGE:

DOT EXEMPTIONS:

DOT SPECIAL INSTRUCTIONS:

IMDG SHIPPING INFORMATION: UN1950

IMDG PROPER SHIPPING NAME: AEROSOLS IMDG TECHNICAL NAME:

IMDG HAZARD CLASS: 2.1

HAZARD SUBCLASS: PACKING

GROUP:

FLASH POINT, C:-96.4

IMDG EXEMPTIONS: LIMITED QUANTITY IMDG SPECIAL INSTRUCTIONS:

MARINE POLLUTANT (YES/NO): N

IATA SHIPPING INFORMATION: ID8000

IATA PROPER SHIPPING NAME: CONSUMER COMMODITY

IATA TECHNICAL NAME:

IATA HAZARD CLASS: 9

HAZARD SUBCLASS: PACKING

GROUP:

IATA EXEMPTIONS:

IATA SPECIAL INSTRUCTIONS:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD PRESSURIZED
GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS
THAN TOLUENE	108-88-3	10-20
1,2-BENZENEDICARBOXYLIC, DIBUTYL ESTER	84-74-2	1-10

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME ----- CAS NUMBER No information is available.

U.S. STATE REGULATIONS: AS FOLLOWS - NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
HYDROCARBON RESIN	64742-16-1

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
HYDROCARBON RESIN	64742-16-1

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME -----	CAS NUMBER
TOLUENE	108-88-3
1,2-BENZENEDICARBOXYLIC, DIBUTYL ESTER	84-74-2
ETHYLBENZENE	100-41-4
BENZENE	71-43-2
NAPHTHALENE	91-20-3

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings. CANADIAN WHMIS CLASS: A, B5, D2B

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 10/07/09

REASON FOR REVISION: NEW PRODUCT

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

THIS MATERIAL SAFETY DATA SHEET, WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. HI-TECH INDUSTRIES ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.