

Revised  
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## MATERIAL SAFETY DATA SHEETS

### MP 5403FLEX

HMIS; HEALTH 1 FLAMMABILITY 0 REACTIVITY 0  
NFPA HEALTH 1 FIRE HAZARD 0 REACTIVITY 0

#### 1. GENERAL INFORMATION

PRODUCT NAME: MP 5403FLEX  
TECHINCAL NAME: One Part Heat Cure

#### 2. COMPOSITION

INGREDIENTS	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
	CAS NUMBER	OSHA PEL	AGGIH		
Bisphenol A					
Epoxy Resin	25068-38-6	Not Estab.	Not Estab.	.3 @ 171 °F	35-40
Silicon Dioxide, Amorphous	67762-90-7	20 mppcf	10mg/m3	N/A	3-5
Organoclay	71011-24-0	0.1mg/m3	0.1mg/m3	N/A	3-6
Carboxyl Terminated Liquid Copolymer	68891-46-3	N/A	N/A	N/A	10-15
Carbon Black	1333-86-4	N/A	N/A	N/A	0.01-0.03
Titanium Dioxide	13463-67-7	N/A	N/A	N/A	1.1-1.3
Diglycidyl Ether Resin	67924-34-9	N/A	N/A	N/A	5-8
Glycidyl Ether of Trimethylol Propane	30499-70-8	N/A	N/A	N/A	10-15
Dicyanamide	461-58-5	N/A	N/A	N/A	3-5
Polyoxpropyleneamine	9046-10-0	N/A	N/A	N/A	15-19
Polyurea	101-42-8	N/A	N/A	N/A	1-4
Silane	2430-83-8	N/A	N/A	N/A	0.01-0.03
Gycydyl Ether of Alkyl Phenol	106-89-8	N/A	N/A	N/A	1-4
Blocked Amidizol	13091-76-2	N/A	N/A	N/A	0.5-3.0

#### 3. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: N/A SPECIFIC GRAVITY (H2O=1): 1.14  
EVAPORATION RATE: Unknown  
PHYSICAL STATE: N/A VAPOR DENSITY: Unknown  
COLOR: GREY PASTE COATING V.O.C.: 0.00 lb/gl  
ODOR: NON NOTICABLE MATERIAL V.O.C.: N/A  
SOLUBILITY IN WATER: NIL

#### 4. REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID: PROLONGED EXCESSIVE HEAT, SPARK OR OPEN FLAME.  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, ALKALIS AND STRONG ACIDS  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, OXIDES OF NITROGEN, HYDROGEN CYANIDE AND AMMONIA WHEN HEATED  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

#### 5. HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: DISCOMFORT, HEADACHE, VOMITING  
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATION, RASH, DISCOMFORT, HIVES  
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATION, RASH, DISCOMFORT  
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: HEADACHE, FEVER, VOMITING, CHILLS  
HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE: IRRITATION, DERMATITIS - CHRONIC: SENSITIZATION  
CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: DERMATITIS, ECZEMA, SKIN CONDITIONS



# MATERIAL SAFETY DATA SHEETS

## MP 5403FLEX

**EMERGENCY AND FIRST AID PROCEDURES:**

PRIMARY ROUTE OF ENTRY - SKIN

**EYE:** FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.**SKIN:** WASH AFFECTED AREA WITH SOAP AND WATER. CONTACT A PHYSICIAN IF IRRITATION OR OTHER PROBLEMS OCCUR.**INGESTED:** DO NOT INDUCE VOMITING. CALL THE POISON CONTROL CENTER IMMEDIATELY.**INHALATION:** REMOVE VICTIM TO FRESH AIR. CONTAMINATED LEATHER ARTICLES CANNOT BE DECONTAMINATED AND SHOULD BE DESTROYED TO PREVENT REUSE

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### 6. FIRE AND EXPLOSION DATA

FLASH POINT: 325 °F

METHOD USED: CLOSED CUP

FLAMMABLE LIMITS IN AIR BY VOLUME -

LOWER: N/A

UPPER: N/A

**APPROPRIATE EXTINGUISHERS:** CARBON DIOXIDE, DRY CHEMICAL, CHEMICAL FOAM OR WATER FOG.**SPECIAL FIRE FIGHTING PROCEDURES:** REMOVE ALL IGNITION SOURCES. WEAR SELF-CONTAINED BREATHING APPARATUS AND COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHEN ENTERING CONFINED AREAS WHERE POTENTIAL FOR EXPOSURE TO VAPORS EXIST. CONTAIN RUN-OFF WATER IN DIKES.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE HAZARDOUS. USE SELF-CONTAINED BREATHING APPARATUS. MAY GENERATE CARBON MONOXIDE GAS, HYDROGEN CYANIDE GAS, AMMONIA GAS. MAY GENERATE TOXIC NITROGEN OXIDE GASES.

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### 7. PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

AVOID PERSONAL CONTACT. RECOVER AND USE UNCONTAMINATED PRODUCT. TAKE UP UNRECOVERABLE OR CONTAMINATED PRODUCT. DISPOSABLE TOOLS AND INERT ABSORBENT MATERIAL ARE RECOMMENDED. TRANSFER TO CLOSABLE CONTAINER.

**WASTE DISPOSAL METHOD:**

EQUIVALENT AMOUNTS OF BASE AND HARDENER MAY BE REACTED TO FORM AN INERT MASS. CONTAINERIZE AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

STORE IN COOL DRY AREA. KEEP CONTAINER TIGHTLY CLOSED EXCEPT WHEN USING MATERIAL. DO NOT BREATHE VAPOR, MIST OR SPRAY.

**OTHER PRECAUTIONS:**

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. AVOID BREATHING DUST FROM MACHINING OR ABRADING CURED MATERIAL.

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### 8. CONTROL MEASURES

**RESPIRATORY PROTECTION:**

NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR IN POORLY VENTILATED AREAS.

**VENTILATION:**

LOCAL EXHAUST IS RECOMMENDED. GOOD MECHANICAL. SELF CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS (NIOSH MASK) SUFFICIENT TO KEEP WORKROOM CONCENTRATIONS BELOW TLV'S.

**PROTECTIVE GLOVES:**

CHEMICAL RESISTANT GLOVES.

**EYE PROTECTION:**

SAFETY GLASSES OR FACE SHIELD.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

IMPERVIOUS CLOTHING WHERE NEEDED.

**WORK/HYGENIC PRACTICES:**

USE OF BARRIER CREAM IS RECOMMENDED OVER EXPOSED SKIN.

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### 9. TRANSPORTATION

DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT REGULATED

D.O.T. PROPER SHIPPING NAME:

OTHER REQUIREMENTS:

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For technical information

and support call **1-800-552-0299** or visit our website at***www.instantca.com***