

Safety Data Sheet
acc. to OSHA HCS

Printing Date 12/02/2016

Revision Number 1

Revision Date 12/02/2016

1 Identification

- **Product identifier**
- **Trade name:** *MP5405 MP5405LV MP5430 MP5445 MP54110 MP54125 Flex MV, BK, NS, LV Part A (Resin)*
- **Relevant identified uses of the substance or mixture.** *Adhesive*
- **Application of the substance / the mixture** *Adhesive*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
*Adhesive Systems, Inc.
A Division of Royal Adhesives & Sealants, LLC
9411 Corsair Road
Frankfort, Illinois 60423
Phone Number: 800-552-0299*
- **Information department:** *Environment protection department.*
- **Emergency telephone number:**
*ChemTrec: Day or Night within USA and Canada: 1-800-424-9300.
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)*

2 Hazard(s) identification

- **Classification of the substance or mixture**



*Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.*

- **Label elements**
- **GHS label elements** *The product is classified and labeled according to the Globally Harmonized System (GHS).*
- **Hazard pictograms**



- **Signal word** *Warning*
- **Hazard statements**
*Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.*
- **Precautionary statements**
*Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves.
Wear eye protection / face protection.
Wash thoroughly after handling.*

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Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see on this label).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**

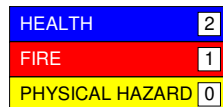


Health = 2

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 2

Fire = 1

Physical Hazard = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Adhesive

· **Hazardous components:**

25068-38-6	Bisphenol A Epoxy Resin	50-100%
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4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Seek medical treatment.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

* 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
Firefighters use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
- **Protective equipment:** Protective clothing and respiratory protective device.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste in accordance with federal state and local regulations.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

* 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Open and handle receptacle with care.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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Trade name: MP5405 MP5405LV MP5430 MP5445 MP54110 MP54125 Flex MV, BK, NS, LV Part A (Resin)

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- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment (see listings below)**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**
Nitrile rubber, NBR
Chloroprene rubber, CR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

Safety glasses with side shields.

- **Body protection:** Protective work clothing

* 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquid
Color:	Clear
- **Odor:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
- **Melting point:** Undetermined.
- **Boiling point:** > 150 °C (> 302 °F)
- **Flash point:**

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· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	Not determined
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Flammable limits:	
Lower:	Not determined
Upper:	Not determined
· Vapor pressure:	Not determined.
· Specific gravity at 20 °C (68 °F):	1.17 g/cm ³ (9.764 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Slightly soluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
Solids content:	Not available
· Other information	No further relevant information available.

* 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Avoid high temperatures. Avoid freezing.
- **Incompatible materials:** Reacts with oxidizing agents.
- **Hazardous decomposition products:**
 - Carbon monoxide
 - Carbon dioxide
 - Aldehydes
 - Acids

* 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Causes eye irritation.

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- **Sensitization:** Skin Contact - Sensitization possible through skin contact.
 - **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
 - **Carcinogenic categories**
- | |
|--|
| · IARC (International Agency for Research on Cancer) |
| None of the ingredients is listed. |
| · NTP (National Toxicology Program) |
| None of the ingredients is listed. |
| · OSHA-Ca (Occupational Safety & Health Administration) |
| None of the ingredients is listed. |

* 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:** At present there are no ecotoxicological assessments.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

* 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

* 14 Transport information

- | | |
|-------------------------------------|---------------|
| · UN-Number | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |

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· Packing group · DOT, IMDG, IATA	<i>not regulated</i>
· Environmental hazards: · Marine pollutant:	<i>Yes</i>
· Special precautions for user	<i>Not applicable.</i>
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	<i>Not applicable.</i>
· Transport/Additional information:	<i>The above DOT information applies to non-bulk containers. Not regulated by D.O.T. if in a container of 119 gallon capacity or less.</i>
· UN "Model Regulation":	<i>not regulated</i>

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **(DSL) Canada Domestic Substance List**

All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.

· **New Jersey Right-to-Know List:**

None of the ingredients is listed.

· **New Jersey Special Hazardous Substance List:**

None of the ingredients is listed.

· **Pennsylvania Right-to-Know List:**

None of the ingredients is listed.

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

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· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National regulations:**

· **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Royal Adhesives & Sealants makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Royal Adhesives & Sealants or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

· **Department issuing SDS:** Environment protection department.

· **Creation Date:** 12/02/2016

· **Date of preparation / last revision** 12/02/2016 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

EMERGENCY PHONE 1-800-255-3924

MATERIAL SAFETY DATA SHEETS
MP 54110 RESIN PART A

HMIS;	HEALTH	2	FLAMMABILITY	1	REACTIVITY	0
NFPA	HEALTH	2	FIRE HAZARD	1	REACTIVITY	0

1. GENERAL INFORMATION

PRODUCT NAME:	MP 54110 - RESIN PART A
CHEMICAL FAMILY:	Epoxy resin
CHEMICAL NAME:	Bisphenol A/Epichlorodhydrin Based Epoxy

2. COMPOSITION

INGREDIENT:	CAS#	%
Epoxy Resin	25068-38-6	100

3. PHYSICAL DATA

FLASH POINT (PMCC):	>200°F
BOILING POINT:	>400°F
VAPOR DENSITY:	> AIR
EVAPORATION RATE:	NIL
% VOLATILE BY VOL.:	0
SPECIFIC GRAVITY:	1.16
SOLUBILITY IN WATER:	NEGLIGIBLE
VAPOR PRESSURE:	< 1mm Hg
APPEARANCE AND ODOR:	LIQUID, MILD EPOXY ODOR

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>200°F (method used PMCC)
EXTINGUISHING MEDIA:	Water fog, carbon dioxide, foam or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES:	Full protective equipment including self-contained breathing apparatus should be used. Water spray may be used to cool fire exposed container to prevent pressure build-up and possible auto-ignition or rupture.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Keep containers tightly closed. Water may be used to cool unruptured containers.

5. HEALTH HAZARD DATA

Eye Protection	Flush eyes with water for at least 15 minutes. Take to a physician for medical treatment.
Skin Contact	Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.
Inhalation	Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician.
Ingestion	Drink plenty of water to dilute. Do not induce vomiting. Give medical attention immediately. Never give anything by mouth to an unconscious person.

6. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	High temperatures, high humidity.
MATERIALS TO AVOID:	STRONG OXIDIZING AGENTS; STRONG ACIDS OR BASES
HAZARDOUS POLYMERIZATION:	Will not occur



MATERIAL SAFETY DATA SHEETS

MP 54110 RESIN PART A



7. HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: X DERMAL / EYE X INHALATION ___ INGESTION

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Preexisting disorders of the skin and/or eyes.

EYE CONTACT:
Contains ingredients which are irritating to the eyes. Symptoms may include blurred vision, burning sensation and tearing.

SKIN CONTACT:
Contains materials which cause moderate skin irritation. This product may cause skin sensitization or allergic reactions which may be severe with certain people. Symptoms include rash, itching, hives and swelling of extremities. Prolonged or repeated exposure may cause a defatting or drying action to skin.

INHALATION:
Unlikely at room temperature due to low volatility, however heating can generate vapors that may cause respiratory irritation.

INGESTION:
Product is harmful if swallowed

CHRONIC HEALTH EFFECTS

The Bisphenol-A epoxy (DGEBA) resin this product contains has been shown to be mutagenic in some microbial tests, but failed to show mutagenicity in others, the significance of this is unknown. Chromosomal aberrations were observed in cultured rat liver cells. Two year bioassays on mice exposed by the dermal route to DGEBA resin gave only very limited evidence of weak carcinogenicity. Based on this and other evidence the International Agency for Research on Cancer (IARC) concluded in 1988 that DGEBA epoxy resins are not classifiable as carcinogens.

EMERGENCY FIRST AID PROCEDURES:

INHALATION:
Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

EYES:
Flush eyes with water for at least 15 minutes. Take to a physician for medical treatment.

SKIN: Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.

INGESTION: Drink plenty of water to dilute. Do not induce vomiting. Give medical attention immediately. Never give anything by mouth to an unconscious person.

8. PROTECTIVE MEASURES

RESPIRATORY PROTECTION:	Use approved chemical/mechanical filters designed to remove a combination of particulates and organic vapors in open and restricted areas when ventilation does not meet the requirements of 29 CFR 1910.134. Use approved airline type respirators or hoods in confined areas.
VENTILATION:	Sufficient ventilation in pattern and volume to keep the air contaminant concentration below applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29 CFR 1910.134
PROTECTIVE GLOVES:	Use neoprene or other impervious gloves to prevent skin contact.
EYE PROTECTION:	Use safety glasses with side shields as minimum protection.
OTHER PROTECTIVE EQUIPMENT:	Use protective cream if skin contact is likely. Remove and wash contaminated clothing before reuse. Discard contaminated shoes.
HYGENIC PRACTICES:	Wash hands before eating, smoking or using toilet facilities. Do not smoke in any chemical handling and storage area. Food or beverages should not be consumed anywhere near this product is handled or stored.



MATERIAL SAFETY DATA SHEETS

MP 54110 RESIN PART A



9. SPILL OR LEAK PROCEDURES

SPILLS:

WASTE DISPOSAL METHOD:

Contain and remove with absorbent material. Avoid contact. Disposal should be done in accordance with Federal (40 CFR Part 261), State and local regulations. Before attempting clean-up, refer to hazard caution information in other sections of the MSDS form. Use only licensed hazardous waste disposal companies.

10. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:

OTHER:

Do not store near heat or open flame.
Empty container should not be reused.

11. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:

HAZARD CLASS OR DIVISION:

PACKING GROUP NUMBER:

REQUIRED LABEL:

NOT REGULATED

NA

NA

NONE

Engineering Excellence

For technical information

and support call **1-800-552-0299** or visit our website at

www.instantca.com

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January 2002



9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924

MATERIAL SAFETY DATA SHEETS

MP 54110 PART B

HMIS;	HEALTH	3	FLAMMABILITY	1	REACTIVITY	0
NFPA	HEALTH	3	FIRE HAZARD	1	REACTIVITY	0

1. GENERAL INFORMATION

PRODUCT NAME:	MP 54110 - PART B
CHEMICAL FAMILY:	POLYAMINE BLEND
CHEMICAL NAME:	Mixture

2. COMPOSITION

INGREDIENT:	CAS#	OSHA PEL	ACIGH TLV
POLYMERCAPTAN RESIN*	NA	NA	NA
POLYAMIDE RESIN*	NA	NA	NA

* EXACT IDENTITY WITHHELD AS A TRADE SECRET

3. PHYSICAL DATA

FLASH POINT (PMCC):	>200°F
BOILING POINT:	>200°F
VAPOR DENSITY:	> AIR
EVAPORATION RATE:	NIL
% VOLATILE BY VOL.:	0
SPECIFIC GRAVITY:	1.10
SOLUBILITY IN WATER:	SLIGHT
VAPOR PRESSURE:	< 1mm Hg
APPEARANCE AND ODOR:	AMBER PASTE, MILD AMINE ODOR

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>200°F (method used PMCC)
EXTINGUISHING MEDIA:	Water fog, carbon dioxide, foam or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES:	Full protective equipment including self-contained breathing apparatus should be used. Water spray may be used to cool fire exposed container to prevent pressure build-up and possible auto-ignition or rupture.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Keep containers tightly closed. Water may be used to cool unruptured containers.

5. HEALTH HAZARD DATA

Eye Protection	Flush eyes with water for at least 15 minutes. Take to a physician for medical treatment.
Skin Contact	Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.
Inhalation	Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician.
Ingestion	Drink plenty of water to dilute. Do not induce vomiting. Give medical attention immediately. Never give anything by mouth to an unconscious person.

6. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	High temperatures, high humidity.
MATERIALS TO AVOID:	STRONG OXIDIZING AGENTS, ACIDS, EPOXY RESINS IN UNCONTROLLED CONDITIONS
HAZARDOUS POLYMERIZATION:	Will not occur



MATERIAL SAFETY DATA SHEETS

MP 54110 PART B

7. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE:

CHRONIC:

ACUTE:

SKIN; Primarily redness and irritation.

May cause skin sensitization.

INHALATION; Symptoms may include burning sensation, coughing and shortness of breath.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Chronic diseases of the skin,

PRIMARY ROUTES OF EXPOSURE: DERMAL INHALATION INGESTION

EMERGENCY FIRST AID PROCEDURES:

Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician. (EYES) Flush eyes with water for at least 15 minutes. Take to a physician for medical treatment. (SKIN) Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. INGESTION: Drink one or two glasses of milk or water. Do not induce vomiting. Give medical attention immediately. Never give anything by mouth to an unconscious person.

8. PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Use approved chemical/mechanical filters designed to remove a combination of particulates and organic vapors in open and restricted areas when ventilation does not meet the requirements of 29 CFR 1910.134. Use approved airline type respirators or hoods in confined areas.

VENTILATION:

Sufficient ventilation in pattern and volume to keep the air contaminant concentration below applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29 CFR 1910.134

PROTECTIVE GLOVES:

Use neoprene or other impervious gloves to prevent skin contact.

EYE PROTECTION:

Use safety glasses with side shields as minimum protection.

OTHER PROTECTIVE EQUIPMENT:

Use protective cream if skin contact is likely. Remove and wash contaminated clothing before reuse. Discard contaminated shoes.

HYGENIC PRACTICES:

Wash hands before eating, smoking or using toilet facilities. Do not smoke in any chemical handling and storage area. Food or beverages should not be consumed anywhere near this product is handled or stored.

9. SPILL OR LEAK PROCEDURES

SPILLS:

WASTE DISPOSAL METHOD:

Contain and remove with absorbent material. Avoid contact. Disposal should be done in accordance with Federal (40 CFR Part 261), State and local regulations. Before attempting clean-up, refer to hazard caution information in other sections of the MSDS form. Use only licensed hazardous waste disposal companies.

10. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:

OTHER:

Do not store near heat or open flame.

Empty container should not be reused.

11. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:

HAZARD CLASS OR DIVISION:

PACKING GROUP NUMBER:

REQUIRED LABEL:

NOT REGULATED

NA

NA

NONE

Engineering Excellence

For technical information

and support call **1-800-552-0299** or visit our website at

www.instantca.com