

Revised
Sept. 2013



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 52051

STRUCTURAL ADHESIVE

| | | | | | | |
|------|--------|---|--------------|---|------------|---|
| HMIS | HEALTH | 2 | FLAMMABILITY | 1 | REACTIVITY | 1 |
| NFPA | HEALTH | 2 | FIRE HAZARD | 1 | REACTIVITY | 1 |

1. GENERAL INFORMATION

PRODUCT NAME: MP 52051

2. COMPOSITION

| HAZARDOUS COMPONENTS | CONCENTRATION | CAS NUMBER | OCCUPATIONAL EXPOSURE LIMITS | | VAPOR PRESSURE |
|----------------------|---------------|--------------|------------------------------|-----------|----------------|
| | | | OSHA PEL | AGGIH/TLV | Percent |
| Acrylic Monomer | | 79-10-7 | NE | NE | 1-10 |
| Acrylated Oligomer | | Trade Secret | NE | NE | 20-50 |
| Organic Peroxide | | 614-45-9 | NE | NE | 1-6 |
| UV Monomer | | 868-77-9 | NE | NE | 10-30 |
| Maleic Acid | | 110-16-7 | NE | NE | 1-10 |

3. PHYSICAL AND CHEMICAL INFORMATION

| | | | |
|-----------------|-------------------------|--|------------------|
| BOILING POINT: | N/A | SPECIFIC GRAVITY (H ₂ O=1): | 1.1 |
| PHYSICAL STATE: | *H ₀ | VAPOR DENSITY: | Heavier than air |
| COLOR: | Clear to slightly amber | VAPOR PRESSURE: | 6 MM HG AT 30C |
| ODOR: | Mild | SOLUBILITY IN WATER: | Insoluble |

4. REACTIVITY DATA

| | |
|---|---|
| STABILITY: | UNSTABLE |
| INCOMPATIBILITY (MATERIALS TO AVOID): | OXIDIZERS, HEAT, STRONG MINERAL ACIDS, THIOSULFATES |
| HAZARDOUS DECOMPOSITION OR BY PRODUCTS: | NONE KNOWN |
| HAZARDOUS POLYMERIZATION: | MAY OCCUR |

5. HEALTH HAZARD INFORMATION

| | |
|-------------------------------------|--|
| POTENTIAL ROUTES OF ENTRY: | SKIN, INHALATION, INGESTION |
| SYMPTOMS OF OVEREXPOSURE: | POSSIBLE SKIN AND EYE IRRITATION ON CONTACT IS LIKELY |
| HAZARD CATEGORIES: | IMMEDIATE, DELAYED, REACTIVITY |
| CARCINOGENICITY: NTP? NO | IARC MONOGRAPHS? NO |
| OSHA REGULATED? NO | |
| EMERGENCY AND FIRST AID PROCEDURES: | |
| EYE: | FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. |
| SKIN: | WASH AFFECTED AREA WITH SOAP AND WATER. DO NOT USE ORGANIC SOLVENTS ON SKIN. |
| INGESTED: | GET MEDICAL ATTENTION |
| INHALATION: | REMOVE VICTIM TO FRESH AIR. |
| SARA LISTED INGREDIENTS: | SACCHARIN, ACRYLIC ACID |



MATERIAL SAFETY DATA SHEETS

MP 52051



6. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200 °F
APPROPRIATE EXTINGUISHERS: CARBON DIOXIDE, DRY CHEMICAL, CHEMICAL FOAM OR WATER FOG.
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION: TOXIC FUMES OF CARBON AND NITROGEN OXIDES MAY EVOLVE UPON EXPOSURE TO HEAT OR OPEN FLAME.
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: NONE
COMPRESSED GASES: NONE SOLVENTS: NONE PRESSURE AT 23 C: N.A.

7. HANDLING INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
DIKE AREA TO PREVENT SPREADING. ABSORB ON VERMICULITE, SAND OR OTHER INERT ABSORBING MATERIAL. DISPOSE OF AS A CHEMICAL WASTE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
STORAGE: AVOID STORAGE OVER 100 F, CONTAMINATION WITH INCOMPATIBLE MATERIALS.
HANDLING: AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. DO NOT STORE IN DIRECT SUNLIGHT.

8. CONTROL MEASURES

RESPIRATORY PROTECTION:
USE PROPER POSITIVE AIR FLOW VENTILATION IN WORK AREAS.
SKIN:
AVOID SKIN CONTACT. WEAR IMPERVIOUS GLOVES AND PROTECTIVE CLOTHING IF IN DIRECT CONTACT WITH MATERIAL. DISPOSABLE POLYETHYLENE GLOVES WITH VINYL LATEX OVERGLOVES WILL GIVE PROTECTION.
EYE PROTECTION:
WEAR CHEMICAL SPLASH GOGGLES OR SIDE SHIELD SAFETY GLASSES.

9. SHIPPING INFORMATION

DOT AND IATA HAZARD CLASSIFICATION: NOT RESTRICTED ARTICLES
PROPER DOT SHIPPING NAME: N.A.

NON_WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

Engineering Excellence

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

www.instantca.com