# SAFETY DATA SHEET

# Sikalastic-630 Formerly MSeal 630

BUILDING TRUST

| Version | Revision Date: | SDS Number: | Date of last issue: - |
|---|---|---|---|
| 1.0 | 08/27/2020 | 000000525767 | Date of first issue: 08/27/2020 |

## SECTION 1. IDENTIFICATION

Product name : Sikalastic-630 Formerly MSeal 630

Product code : 000000000050274383

**Manufacturer or supplier's details**

Company name of supplier : Sika MBCC US LLC

Address : 201 POLITO AVE
Lyndhurst NJ 07071

Emergency telephone : ChemTel: +1-813-248-0585

**Recommended use of the chemical and restrictions on use**

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with 29 CFR 1910.1200**

FLAMMABLE LIQUIDS : 2

Skin corrosion/irritation : 2

Skin sensitization : Category 1

Carcinogenicity : 2

Specific target organ toxicity - single exposure : 3

Short-term (acute) aquatic hazard : 3

**GHS label elements**

Hazard pictograms :

Signal Word : Danger

Hazard Statements : H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H402 Harmful to aquatic life.

Precautionary Statements :

**Prevention:**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201 Obtain special instructions before use.
P271 Use only outdoors or in a well-ventilated area.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P243 Take action to prevent static discharges.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P241 Use explosion-proof [electrical/ ventilating/ lighting/ .?] equipment.
P272 Contaminated work clothing should not be allowed out of the workplace.
P242 Use only non-sparking tools.
P240 Ground and bond container and receiving equipment.
P264 Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.
P233 Keep container tightly closed.
P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to appropriate hazardous waste collection point.

**Other hazards**

No data available.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|---|---|
| methyl methacrylate | 80-62-6 | >= 50 - <= 100 |
| 1,4-butanediol dimethacrylate | 2082-81-7 | >= 1 - < 5 |
| N,N-dimethyl-p-toluidine | 99-97-8 | >= 0.1 - < 1 |
| 1,1'-(p-tolylimino)dipropan-2-ol | 38668-48-3 | >= 0.1 - < 1 |

## SECTION 4. FIRST AID MEASURES

| | | |
|---|---|---|
| General advice | : | Move out of dangerous area.<br>Show this material safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended. |
| If inhaled | : | If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician. |
| In case of skin contact | : | If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes. |
| In case of eye contact | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |
| Most important symptoms and effects, both acute and delayed | : | Causes skin irritation.<br>May cause an allergic skin reaction.<br>May cause respiratory irritation.<br>Suspected of causing cancer. |
| Notes to physician | : | Treat symptomatically. |

## SECTION 5. FIRE-FIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Water spray<br>Foam<br>Dry powder<br>Carbon dioxide (CO2) |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during fire fighting | : | Do not allow run-off from fire fighting to enter drains or water courses. |

| | | |
|---|---|---|
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>For safety reasons in case of fire, cans should be stored separately in closed containments.<br>Use a water spray to cool fully closed containers. |
| Special protective equipment for fire-fighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Ensure adequate ventilation.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. |
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Do not spray on a naked flame or any incandescent material.<br>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).<br>Use only explosion-proof equipment.<br>Keep away from open flames, hot surfaces and sources of ignition. |
| Advice on safe handling | : | Avoid formation of aerosol.<br>Do not breathe vapors/dust.<br>Avoid exposure - obtain special instructions before use.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Open drum carefully as content may be under pressure.<br>Dispose of rinse water in accordance with local and national regulations.<br>Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not |

be employed in any process in which this mixture is being used.

Conditions for safe storage : no smoking
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep container tightly closed and in a well-ventilated place.
Keep away from heat.
Avoid all sources of ignition: heat, sparks, open flame.

Materials to avoid : Segregate from foods and animal feeds.

Further information on storage stability : No data available

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| methyl methacrylate | 80-62-6 | TWA value | 50 ppm | ACGIHTLV |
| | | STEL value | 100 ppm | ACGIHTLV |
| | | REL value | 100 ppm<br>410 mg/m3 | NIOSH |
| | | PEL | 100 ppm<br>410 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 100 ppm<br>410 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 50 ppm | ACGIH |
| | | STEL | 100 ppm | ACGIH |
| | | TWA | 100 ppm<br>410 mg/m3 | NIOSH REL |
| | | TWA | 100 ppm<br>410 mg/m3 | OSHA Z-1 |
| | | TWA | 100 ppm<br>410 mg/m3 | OSHA P0 |

**Engineering measures** : No applicable information available.

**Personal protective equipment**

Respiratory protection : Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection

| | | |
|---|---|---|
| Remarks | : | The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
| Eye protection | : | Eye wash bottle with pure water<br>Tightly fitting safety goggles |
| Skin and body protection | : | Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Protective measures | : | Avoid inhalation of dusts/mists/vapours.<br>Avoid contact with the skin, eyes and clothing.<br>Avoid prolonged and/or repeated contact with the skin.<br>Handle in accordance with good building materials hygiene and safety practice. |
| Hygiene measures | : | When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | liquid |
| Color | : | bluish |
| Odor | : | sweetish, ester-like |
| Odor Threshold | : | No data available |
| pH | : | not applicable |
| Melting point | : | No applicable information available. |
| boiling temperature | : | approx. 212 °F / 100 °C<br>(1,013 hPa) |
| Flash point | : | 50 °F / 10 °C<br><br>Method: Flashpoint test using closed cup, determination of flashpoint. |
| Evaporation rate | : | > 1 |
| Flammability (solid, gas) | : | Highly flammable. |
| Upper explosion limit / Upper flammability limit | : | 12.5 %(V)<br>Medium: air |

| | | |
|---|---|---|
| Lower explosion limit / Lower flammability limit | : | 2.1 %(V)<br>Medium: air |
| Vapor pressure | : | No data available |
| Relative vapor density | : | not determined |
| Relative density | : | No applicable information available. |
| Density | : | approx. 0.97 g/cm3 (68 °F / 20 °C) |
| Solubility(ies) | | |
| Water solubility | : | |
| Solubility in other solvents | : | No applicable information available. |
| Autoignition temperature | : | 806 °F / 430 °C |
| Decomposition temperature | : | Vapors may form explosive mixture with air.<br>No decomposition if stored and handled as prescribed/indicated. |
| Viscosity | | |
| Viscosity, dynamic | : | approx. 5 - 7 mPa.s (68 °F / 20 °C) |
| Viscosity, kinematic | : | No applicable information available. |
| Explosive properties | : | Not explosive<br>Not explosive |
| Oxidizing properties | : | not fire-propagating |
| Sublimation point | : | No applicable information available. |
| Molecular weight | : | No data available |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No decomposition if stored and applied as directed. |
| Chemical stability | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | No hazardous reactions if stored and handled as prescribed/indicated.<br>Polymerization coupled with heat formation.<br>Risk of dangerous polymerization in the presence of heat and/or contamination.<br>No decomposition if stored and applied as directed.<br>Vapors may form explosive mixture with air. |
| Conditions to avoid | : | Heat, flames and sparks. |
| Incompatible materials | : | Strong oxidizing agents |

Reducing agents
Heavy metal compounds
alkalies
Amines
Sulfur compounds
Peroxides

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

**Skin corrosion/irritation**

Causes skin irritation.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks : Vapors may cause irritation to the eyes, respiratory system and the skin.

**Respiratory or skin sensitization**

**Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Product:**

Remarks : Causes sensitization.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Suspected of causing cancer.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Product:**

No aspiration hazard expected.

**Further information**

**Product:**

| | | |
|---|---|---|
| Remarks | : | The product has not been tested. The statement has been derived from the properties of the individual components. |
| Remarks | : | Solvents may degrease the skin. |

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

**Components:**

**methyl methacrylate:**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: 1.38 (68 °F / 20 °C)<br>GLP: no data |

**1,1'-(p-tolylimino)dipropan-2-ol:**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: 2.1 (75 °F / 24 °C)<br>pH: 7.5<br>Method: Partition coefficient (n-octanol/water), Shake-flask method<br>GLP: yes |

**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

| | | |
|---|---|---|
| Additional ecological infor- | : | An environmental hazard cannot be excluded in the event of |

mation

unprofessional handling or disposal.
Harmful to aquatic life.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with national, state and local regulations.
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## SECTION 14. TRANSPORT INFORMATION

**International Regulations**

**UNRTDG**

| | | |
|---|---|---|
| UN number | : | UN 1866 |
| Proper shipping name | : | RESIN SOLUTION |
| Class | : | 3 |
| Packing group | : | II |
| Labels | : | 3 |

**IATA-DGR**

| | | |
|---|---|---|
| UN/ID No. | : | UN 1866 |
| Proper shipping name | : | RESIN SOLUTION |
| Class | : | 3 |
| Packing group | : | II |
| Labels | : | Flammable Liquids |
| Packing instruction (cargo aircraft) | : | 364 |
| Packing instruction (passenger aircraft) | : | 353 |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | UN 1866 |
| Proper shipping name | : | RESIN SOLUTION |
| Class | : | 3 |
| Packing group | : | II |
| Labels | : | 3 |
| EmS Code | : | F-E, S-E |
| Marine pollutant | : | no |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation**

**49 CFR**

| | | |
|---|---|---|
| UN/ID/NA number | : | UN 1866 |
| Proper shipping name | : | RESIN SOLUTION |
| Class | : | 3 |
| Packing group | : | II |
| Labels | : | FLAMMABLE LIQUID |
| ERG Code | : | 127 |
| Marine pollutant | : | no |

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

**US State Regulations**

**New Jersey Right To Know**

| | |
|---|---|
| methyl methacrylate | 80-62-6 |

**California Prop. 65**

WARNING: This product can expose you to chemicals including N,N-dimethyl-p-toluidine, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

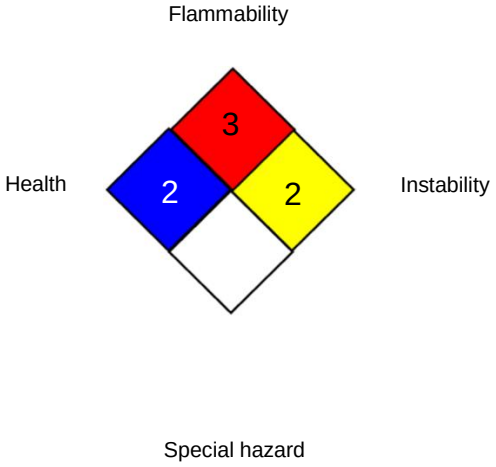
**The ingredients of this product are reported in the following inventories:**

TSCA : On the inventory, or in compliance with the inventory

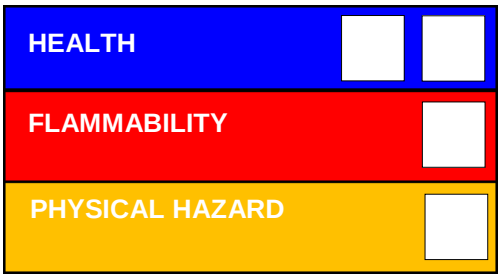
## SECTION 16. OTHER INFORMATION

**Further information**

**NFPA 704:**




**HMIS® IV:**




HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

**Full text of other abbreviations**

| | | |
|---|---|---|
| 29 CFR 1910.1000 (Table Z-1-A) | : | OSHA - Table Z-1-A (29 CFR 1910.1000) |
| 29 CFR 1910.1000 (Table Z-1) | : | OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000 |
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| ACGIHTLV | : | American Conference of Governmental Industrial Hygienists - threshold limit values (US) |
| NIOSH | : | NIOSH Pocket Guide to Chemical Hazards (US) |
| NIOSH REL | : | USA. NIOSH Recommended Exposure Limits |
| OSHA P0 | : | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 |
| OSHA Z-1 | : | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| 29 CFR 1910.1000 (Table Z-1-A) / TWA value | : | Time Weighted Average (TWA): |
| 29 CFR 1910.1000 (Table Z-1) / PEL | : | Permissible exposure limit |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| ACGIH / STEL | : | Short-term exposure limit |
| ACGIHTLV / STEL value | : | Short Term Exposure Limit (STEL): |
| ACGIHTLV / TWA value | : | Time Weighted Average (TWA): |
| NIOSH / REL value | : | Recommended exposure limit (REL): |
| NIOSH REL / TWA | : | Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| OSHA P0 / TWA | : | 8-hour time weighted average |
| OSHA Z-1 / TWA | : | 8-hour time weighted average |

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency

Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 08/27/2020

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