

Installation Instructions: TAJ Modular Acoustic Flooring

Recommended Adhesives: TAJ 685 Releasable / TAJ 585 Permanent /
TAJ Modular Permanent Spray Adhesive

Job Conditions:

The installation of flooring shall proceed only after the work of other trades has been completed especially overhead trades. Areas to receive resilient flooring shall be clean, adequately lighted, fully enclosed, weather tight, and heated to a minimum of 65° to 70° F. for 72 hours before, during, and after installation is completed. Heat should be maintained in areas to receive flooring with the building's permanent heating system. Salamanders and other temporary heating devices should not be used. Installed flooring shall not be exposed to heavy traffic or heavy rolling loads or any type of maintenance procedures until the adhesive has cured for a minimum of 24 hours when using TAJ 585. Eco Bond and TAJ 685 adhesives allows for immediate foot traffic. If emergency conditions require the movement of equipment or furniture, the flooring should be protected with heavy planks or a minimum of ½" thick plywood to prevent damage.

NOTE: Flooring and adhesives should be on site a min. of 24 hours prior to installation allowing materials to acclimate.

Suitable Substrates:

Concrete Substrate: Concrete substrate shall conform to requirements of ASTM F710-05-Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring).

Concrete subfloors shall be steel troweled finished smooth, flat and level. Concrete shall be wet cured for a minimum of 30 days to 3,500 psi. Flatness of concrete shall be $\pm 1/8$ in a 10'-0" radius. Do not apply any type of coatings, surface sealers, hardeners, or curing membranes to the surface of the concrete. These materials will prevent proper bond of the floor covering adhesive. Minor cracks, chips, and spalls shall be patched with cement based patching material, i.e. Ardex or Mapei. Level high spots by grinding or sanding. Any required leveling shall be done with cement-based underlayment, minimum 3,500 psi, i.e., Ardex or Mapei. Patching and underlayment material shall be applied in strict accordance with manufacturer's specifications and installation instructions.

- **TAJ Modular Spray Adhesive:** Maximum 8.0 lbs. of moisture per 1,000 s.f. per 24 hours as tested by Calcium Chloride test procedure ASTM F1869 or maximum RH of 90% per in situ test procedure ASTM F2170. The pH level of the substrate should be between 7 and 11.
- **TAJ 585 Adhesive:** Maximum 5.0 lbs. of moisture per 1,000 s.f. per 24 hours as tested by Calcium Chloride test procedure ASTM F1869 or maximum RH of 80% per in situ test procedure ASTM F2170. The pH level of the substrate should be between 7 and 9.
- **TAJ 685 Adhesive (Releasable Installations):** Maximum 5.0 lbs. of moisture per 1,000 s.f. per 24 hours as tested by Calcium Chloride test procedure ASTM F1869 or maximum RH of 80% per in situ test procedure ASTM F2170. The pH level of the substrate should be between 7 and 9.

If the concrete is contaminated with any type of sealer, hardener, curing membrane, paint, oil, grease, adhesives, and any other type of penetrating material it should be removed thoroughly by bead blasting. Sanding is not adequate and chemicals should not be used to accomplish removal. After concrete preparation has been completed, sweep and vacuum surface thoroughly to remove all miscellaneous dirt and contaminants.

Unsuitable substrates:

Particleboard, chipboard, flake board, hard board, soft or lightweight aggregate concrete, or gypsum are not the most suitable substrates for installation of vinyl flooring and must use only TAJ Modular Spray Adhesives under ideal circumstances only. Minimum 3/8" thick APA graded plywood, properly installed, is a suitable underlayment. Contact us for recommendations regarding all other types of substrates.

Hospital Beds:

In the event that Lay Flat is to be used in patient rooms the area under the beds must be installed using the recommend Eco Bond Adhesive System. (no substitutions) This adhesive will tolerate point loads within 4 hours of installations.

Layout:

Establish chalk guidelines, which are at right angles to each other from which the tile/planks are to be laid. Measure the area to find the best starting point for maximum size perimeter cuts.

If installed over raised access panels, layout tiles to cover the seam of the access floor panel first.

Installation Instructions: TAJ Modular Acoustic Flooring

Recommended Adhesives: TAJ 685 Releasable / TAJ 585 Permanent /
TAJ Modular Permanent Spray Adhesive

Installation:

Before beginning Installation check actual boxes of all tiles/planks to be sure that correct color, pattern, and quality has been shipped for your specific installation. Do not mix dye lots in the same area.

- Observe wearing surface and back of all tiles or planks to be sure there is no damage or defects. Do not install or glue tile with visible defects. Tiles or planks that may have minor defects on one side or at edges can be used for trimming and fitting at walls and columns.
- Lay tiles or planks starting at the center of the room working towards the walls. Lay out following the directional arrows on back of tiles.
- The perimeter tile or planks must be cut up to the wall from the field tile or plank. The perimeter tile or planks should be accurately scribed against the wall and any projections coming out from the walls. Cut product from the face side with a sharp knife. Do not jam tiles. Keep foot traffic off laid area while installing to prevent shifting.
- Install material with TAJ Modular spray adhesive system following the instructions on the container label or TAJ trowel applied adhesives using the appropriate trowel notch design called out on the adhesive container label.
- Please note complete instructions on adhesive containers.
- All corners of tile shall be butted, not staggered. Planks are to be staggered for uniform and natural look. Square tiles will have an arrow on the back of the tile or a line. The square tiles should be installed with the arrow or lines at 90 degree angles to each other in order to accomplish uniformity of color and pattern. Layout tile or planks loosely a minimum of 15 to 20 tiles or planks, to verify uniformity of color and pattern.
- If the tile or planks cannot be installed with a uniform appearance, stop the installation. Contact TAJ for assistance.
- Fit tile or planks carefully and neatly to all pipes, columns and other obstructions without voids, especially where there will be no base installed.
- Within one hour after installation, roll the tile or planks thoroughly in both directions with a 100-pound roller, to properly seat the tile or planks into adhesive. Check tiles two to three hours later and roll again.
- Fit tile or planks properly at walls. Do not over-fit tile or planks as that will cause them to buckle.
- During installation, remove any spilled adhesive or adhesive that may be squeezed through joints with a clean white rag dampened with soapy water. If adhesive has set prior to removal with a damp rag, it can be removed with mineral spirits solvent.
- Foot traffic is allowed after installation is completed, but heavy traffic should be not allowed for 24 hours if using TAJ 585 Adhesive.
- Floor surface should not be cleaned until 72 hours after installation is completed when using the TAJ 585 adhesive – or 4 hours if using Eco Bond adhesive system.

TAJ Modular Acoustic Flooring with Non Slip backing is designed in such a way that allows for a modified loose lay installation option. Fit and install as described above with the exception of adhesive. The Modular Acoustic Flooring around the perimeter of the space must be secured using the TAJ685 or Eco Bond adhesive. The flooring material found in the field within the perimeter can be placed without adhesive. Take special care with foot traffic when laying product to avoid shifting until the perimeter is secure. It is recommended that the tiles be installed with adhesive as directed in doorways. Areas larger than 400sf and areas that are subject to rolling loads should have bands of adhesive spread every 15'. Intersections of hallways should be secured with full spread adhesive across the entire substrate of the intersection. The modified loose lay installation option is not warranted to remain movement free. All applications are different and thus the amount of adhesive required to keep the Modular Acoustic Flooring movement free will also be different in each application.

Protection:

- The floor is designed to properly support a static load of 1000 psi. Furniture, equipment, and rolling loads should not exceed these limits. If they do, legs of such equipment and furniture should be properly supported to prevent damage to tile or planks. Protect floor surface with wood or sheets of plywood whenever heavy equipment or furniture must be moved.
- Metal swivel smooth bottom glides are recommended under chairs with sharp or unprotected edges to prevent scratching.

TAJ Flooring, Inc.

888-652-2111 www.tajflooring.com info@tajflooring.com

MATERIAL SAFETY DATA SHEET
MODULAR ACOUSTIC FLOORING

T
MSDS DATE:11/1/15

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Modular Luxury Vinyl Tile – Heterogeneous Floor Tile

COMPANY INFORMATION: TAJ Flooring, Inc.
ADDRESS: 740 Church Road
Elgin, IL 60123

EMERGENCY PHONE: 847-690-9930
CHEMTREC PHONE: 847-690-9930 x160
OTHER CALLS: 888-652-2111
FAX PHONE: 847-690-9331

CHEMICAL NAME: LVT – Heterogeneous Floor Tile

PRODUCT USE: Floor Covering
PREPARED BY: TAJ Flooring Inc. Technical Services

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

None per OSHA Standard 29 CFR 1910.1200 and SARA Title III, Section 313

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Form: Solid, flooring tiles
Color: Varies
Odor: No appreciable odor

WARNING STATEMENTS:
None

POTENTIAL HEALTH EFFECTS
Primary Routes of Exposure: N/A

EYES: N/A
SKIN: N/A
INGESTION: N/A
INHALATION: N/A

ACUTE HEALTH HAZARDS: None known
CHRONIC HEALTH HAZARDS: None known
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

OTHER: This product is an article or building product and is relatively non-toxic, presenting no known hazard to people, except as noted under thermal decomposition by-products

SECTION 3 NOTES: Refer to section 11 for toxicology information.

SECTION 4: FIRST AID MEASURES

EYES: Flush with cool water, like any non-hazardous solid
SKIN: If skin is irritated from handling product (transitory mechanical dermatitis), wash thoroughly with soap and water. Seek medical attention if condition persists.
INGESTION: Seek medical attention if a considerable amount has been swallowed
INHALATION: None expected from product. Remove to fresh air and seek medical assistance if adverse reaction to adhesive should occur.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None

MATERIAL SAFETY DATA SHEET

MODULAR ACOUSTIC FLOORING

T
MSDS DATE:11/1/15

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION: N/A

EXTINGUISHING MEDIA: On its own, product is difficult to ignite. Use water spray or other appropriate media for surrounding fire

SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Protect self from melted product and combustion products.

SECTION 5 NOTES: ASTM E-648 CRF value greater than 0.45 w/square cm; material is considered to be self-extinguishing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: None, This is a non-hazardous product.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Consult TAJ installation instructions for information on handling and storage of this non-hazardous product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Install in well ventilated area

RESPIRATORY PROTECTION: Normally not required

EYE PROTECTION: Normally not required

SKIN PROTECTION: Normally not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Normally not required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid, flooring tiles

ODOR: No appreciable odor

PHYSICAL STATE: Solid, flooring tiles

pH: N/A

BOILING POINT: N/A

MELTING POINT: N/A

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H₂O = 1): Above 1.60

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: N/A

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO

AVOID (STABILITY): Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Stable

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition in the presence of air may yield hydrogen chloride gas, carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur

MATERIAL SAFETY DATA SHEET

MODULAR ACOUSTIC FLOORING

T
MSDS DATE: 11/1/15

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non-toxic

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No ecological impact study information is available on this product.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Disposal should be done in accordance with all local, state and federal (40 CFR Part 261) regulations. Be aware that state and local requirements differ widely depending on location and may in many cases be different from federal regulation.

RCRA HAZARD CLASS: N/A

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not regulated

ID NUMBER: N/A

SECTION 14 NOTES: The information in this section is for example only. Please apply the appropriate regulations to properly classify your shipment for transport.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: This material is a finished floor covering product. TAJ Flooring provides a Product Safety Data Sheet on all finished floor covering products.

Product Safety Data Sheets (PSDS) are provided for finished floor covering products based on the "article exemption" found in 29 CFR 1910.1200 (b) (6) (v). An article is defined as: "a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has an end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use, does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees."

Material Safety Data Sheets for all sundry products (adhesives, maintenance products, etc.) can be obtained by contacting TAJ Flooring customer service at 888-652-2111.

Because most floor installations require adhesives, it is recommended that the user review the manufacture's recommendations for adhesive spread rate, open time, proper ventilation, safe installation practices, etc. prior to and during installation.

DISCLAIMER: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date of hereof, the company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will the company be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.

Safety Data Sheet

acc. to OSHA HCS

Printing Date 08/29/2016

Revision Number 1

Revision Date 08/29/2016

1 Identification

- **Product identifier**
- **Trade name:** TAJ 685 Releaseable Modular Acoustic Flooring Adhesive
- **Relevant identified uses of the substance or mixture.** Adhesive
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
TAJ Flooring
740 Church Road
Elgin, IL 60123
Phone Number: 888-652-2111
- **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**
The product does not meet the criteria for classification as hazardous under the GHS and 29 CFR 1910.1200
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 0
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 0
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

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· **Hazardous components:** No hazardous/reportable components.

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:**

Rinse out mouth with water. Drink 1 - 2 glasses of water but **DO NOT** induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Seek medical treatment.

· **Information for doctor:**

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

· **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 or alcohol resistant foam.

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** Ensure adequate ventilation

· **Environmental precautions:** Dilute with plenty of 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.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
 Avoid prolonged or repeated contact with skin.
 Avoid contact with eyes.
 Wash thoroughly after handling.
 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 above 40F.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:**
 Keep receptacle tightly sealed.
 Protect product from freezing.
- **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.
- **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:**
 The usual precautionary measures for handling chemicals should be followed.
- **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:** Safety glasses with side shields.
- **Body protection:** Protective work clothing

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Paste

Color: White

· Odor: Characteristic

· Odor threshold: Not determined.

· pH-value at 20 °C (68 °F): 7.3

· Change in condition

Melting point: Undetermined.

Boiling point: 100 °C (212 °F)

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature:

Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Vapor pressure at 20 °C (68 °F): 23 hPa (17 mm Hg)

· Specific gravity at 20 °C (68 °F): 0.99 g/cm³ (8.262 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

· Solvent content:

Organic solvents: 0.0 %

VOC (Per EPA 24) not available GMS/L

Solids content: 60.5

· Other information: VOC information - 6 grams/liter of product

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 not reactive, as supplied.

· Conditions to avoid Temperatures below 40F (4.4C)

· Incompatible materials: Reacts with oxidizing agents.

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- **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Hydrocarbons

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** May irritate the skin.
 - **on the eye:** May irritate the eye.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **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.
- **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.

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 · **Recommended cleansing agent:** Water, if necessary with cleansing agents.

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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 |
| · Packing group | |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

*

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.

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· **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.

· **Carcinogenicity 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:** Generally not 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 [SDS] are presented in good faith and are believed to be correct as of the date of this SDS [SDS], the supplier/manufacturer 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 the supplier/manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS [SDS].

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

· **Creation Date:** 08/29/2016

· **Date of preparation / last revision** 08/29/2016 / -

· **Abbreviations and acronyms:**

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