


SAFETY DATA SHEET

1. Identification

| | |
|--|---|
| Product identifier | Coat of Arms Water Based Urethane Gym Finish |
| Other means of identification | |
| SDS number | 577N-178B |
| Product code | GKS05037 |
| Recommended use | Gym Finish |
| Recommended restrictions | For Labeled Use Only Protect from Freezing |
| Manufacturer/Importer/Supplier/Distributor information | |
| Distributed By | Knight Marketing |
| Address | 46-50 54th Avenue Maspeth, NY 11378 |
| Contact | Regulatory Affairs |
| Telephone number | (816) 233-1321 (Ext. 8285) |
| Fax | (816) 383-8485 |
| email | regulatoryaffairs@knightmarketing.net |
| Emergency Contact | (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals) |

2. Hazard(s) identification

| | |
|-------------------------|--|
| Physical hazards | Not classified. |
| Health hazards | Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Reproductive toxicity Category 1B Specific target organ toxicity, single exposure Category 3 respiratory tract irritation |
| Environmental hazards | Not classified. |
| OSHA defined hazards | Not classified. |
| Label elements |  |
| Signal word | Danger |
| Hazard statement | Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May damage fertility or the unborn child. |
| Precautionary statement | |
| Prevention | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |
| Storage | Store in a well-ventilated place. Keep container tightly closed. Store locked up. |

| | |
|--|--|
| Disposal | Buyer assumes all risk and liability associated with disposal of this product (original concentration or dilution) in violation of applicable law in compliance with applicable federal, state and local requirements. CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer clean, dry container for recycling or reconditioning. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | <p>Use With Adequate Ventilation. Avoid breathing vapors or spray mist. Open windows and doors, use exhaust fans or other means to insure fresh air entry during application and drying. NOTICE: Saw dust from freshly sanded floors or dust from wood floors that have been abraded between coats will spontaneously catch fire if improperly discarded. Immediately after abrading or sanding wood floors, place dust waste in a sealed, water-filled metal container and immediately remove from building.</p> <p>NOTICE: Rags or applicators soaked in a combustible liquid will spontaneously catch fire if improperly discarded. Immediately after using rags or applicators soaked in a combustible liquid, place waste in a sealed, water-filled metal container and immediately remove from building.</p> |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|----------|
| Methyl Pyrrolidone | | 872-50-4 | 3 - < 5 |
| Triethylamine | | 121-44-8 | 1 - < 3 |
| Other components below reportable levels | | | 90 - 100 |

4. First-aid measures

| | |
|---|---|
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. |
| Skin contact | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Ingestion | Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. |
| Most important symptoms/effects, acute and delayed | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |

5. Fire-fighting measures

| | |
|--|---|
| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | No unusual fire or explosion hazards noted. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

Environmental precautions

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|------------------------------|------|-----------|
| Triethylamine (CAS 121-44-8) | PEL | 100 mg/m3 |
| | | 25 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|------------------------------|------|---------|
| Triethylamine (CAS 121-44-8) | STEL | 1 ppm |
| | TWA | 0.5 ppm |

US. Workplace Environmental Exposure Level (WEEL) Guides

| Components | Type | Value |
|-----------------------------------|------|----------|
| Methyl Pyrrolidone (CAS 872-50-4) | TWA | 40 mg/m3 |
| | | 10 ppm |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|-----------------------------------|----------|----------------------------------|----------|---------------|
| Methyl Pyrrolidone (CAS 872-50-4) | 100 mg/l | 5-Hydroxy-N-methyl-2-pyrrolidone | Urine | * |

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

| | |
|-----------------------------------|-----------------------------------|
| Methyl Pyrrolidone (CAS 872-50-4) | Can be absorbed through the skin. |
| Triethylamine (CAS 121-44-8) | Can be absorbed through the skin. |

US ACGIH Threshold Limit Values: Skin designation

Triethylamine (CAS 121-44-8)

Danger of cutaneous absorption

US WEEL Guides: Skin designation

Methyl Pyrrolidone (CAS 872-50-4)

Can be absorbed through the skin.

Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Avoid contact with eyes. Use safety eyewear with splash guards or side shields, chemical goggles, or face shields.

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves.

Other

None normally required. If unable to avoid prolonged or repeated contact with skin, wear impervious clothing.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards

None known.

General hygiene considerations

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties**Appearance**

Opaque, off-white liquid

Physical state

Liquid.

Form

Liquid.

Color

Off-white

Odor

Non-objectional odor.

Odor threshold

Not available

pH

7.5 - 8.5

Melting point/freezing point

Not available

Initial boiling point and boiling range

> 212 °F (> 100 °C)

Flash point

> 200.0 Tag Closed Cup

Evaporation rate

< 1 Ethyl ether = 1

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits**Explosive limit - lower (%)**

Not available.

Explosive limit - upper (%)

Not available.

Vapor pressure

17.61 mm Hg

Vapor density

0.8653 AIR=1

Relative density

1.02 at 77°F

Solubility(ies)**Solubility (water)**

Dispersible

Partition coefficient (n-octanol/water)

Not available

Auto-ignition temperature

Not available

Decomposition temperature

Not available

Viscosity

Not available

Other information**Brookfield viscosity**

10 - 30 cP

Density

8.49 lb/gal

Explosive properties

Not explosive.

| | |
|-----------------------------|----------------|
| Oxidizing properties | Not oxidizing. |
| Percent volatile | 70 - 71 % |
| VOC | < 200 g/l |

10. Stability and reactivity

| | |
|---|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Expected to be a low ingestion hazard. |

| | |
|---|--|
| Symptoms related to the physical, chemical and toxicological characteristics | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. |
|---|--|

Information on toxicological effects

| | |
|-----------------------|------------|
| Acute toxicity | Not known. |
|-----------------------|------------|

| Product | Species | Test Results |
|--|----------------|---------------------|
| Coat of Arms Water Based Urethane Gym Finish | | |

Acute

Dermal

| | | |
|------|--------|-------------|
| LD50 | Rabbit | 28580 mg/kg |
|------|--------|-------------|

Oral

| | | |
|------|-----|-------------|
| LD50 | Rat | 26020 mg/kg |
|------|-----|-------------|

| Components | Species | Test Results |
|-------------------|----------------|---------------------|
|-------------------|----------------|---------------------|

Methyl Pyrrolidone (CAS 872-50-4)

Acute

Dermal

| | | |
|------|--------|------------|
| LD50 | Rabbit | 8000 mg/kg |
|------|--------|------------|

Oral

| | | |
|------|-----|------------|
| LD50 | Rat | 3914 mg/kg |
|------|-----|------------|

Triethylamine (CAS 121-44-8)

Acute

Dermal

| | | |
|------|--------|-----------|
| LD50 | Rabbit | 416 mg/kg |
|------|--------|-----------|

Inhalation

| | | |
|------|-----|--------------------|
| LC50 | Rat | 0.42 mg/l, 1 Hours |
|------|-----|--------------------|

Oral

| | | |
|------|-----|-----------|
| LD50 | Rat | 460 mg/kg |
|------|-----|-----------|

| | |
|----------------------------------|-------------------------|
| Skin corrosion/irritation | Causes skin irritation. |
|----------------------------------|-------------------------|

| | |
|--|--------------------------------|
| Serious eye damage/eye irritation | Causes serious eye irritation. |
|--|--------------------------------|

Respiratory or skin sensitization

| | |
|----------------------------------|-------------------------------|
| Respiratory sensitization | Not a respiratory sensitizer. |
|----------------------------------|-------------------------------|

| | |
|---|--|
| Skin sensitization | This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | Not classifiable as to carcinogenicity to humans. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| Not listed. | |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) | |
| Not listed. | |
| US. National Toxicology Program (NTP) Report on Carcinogens | |
| Not listed. | |
| Reproductive toxicity | May damage fertility or the unborn child. |
| Specific target organ toxicity - single exposure | May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Prolonged inhalation may be harmful. |

12. Ecological information

| | |
|--|--|
| Ecotoxicity | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Persistence and degradability | No data is available on the degradability of this product. |
| Bioaccumulative potential | |
| Partition coefficient n-octanol / water (log Kow) | |
| Methyl Pyrrolidone | -0.38 |
| Triethylamine | 1.45 |
| Mobility in soil | No data available. |
| Other adverse effects | The product contains volatile organic compounds which have a photochemical ozone creation potential. |

13. Disposal considerations

| | |
|--|---|
| Disposal instructions | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Dispose of contents/container in accordance with local/regional/national/international regulations. Buyer assumes all risk and liability associated with disposal of this product (original concentration or dilution) in violation of applicable law. |
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel] The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

14. Transport information

| | |
|---|-----------------------------------|
| DOT | Not regulated as dangerous goods. |
| IATA | Not regulated as dangerous goods. |
| IMDG | Not regulated as dangerous goods. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not established. |

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

One or more components of the mixture are not on the TSCA 8(b) inventory or are designated "inactive".

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Methyl Pyrrolidone (CAS 872-50-4)

1.0 % Annual Export Notification required.

CERCLA Hazardous Substance List (40 CFR 302.4)

Triethylamine (CAS 121-44-8)

Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes

Classified hazard categories

Skin corrosion or irritation
Serious eye damage or eye irritation
Reproductive toxicity
Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|--------------------|------------|----------|
| Methyl Pyrrolidone | 872-50-4 | 3 - < 5 |
| Triethylamine | 121-44-8 | 1 - < 3 |

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Triethylamine (CAS 121-44-8)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Contains component(s) regulated under the Safe Drinking Water Act.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Triethylamine (CAS 121-44-8)

Other Flavoring Substances with OSHA PEL's

US state regulations

California Proposition 65



WARNING: This product can expose you to chemicals including Methyl Pyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. This product can expose you to 1-Methyl-2-Pyrrolidinone, which is known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65 - CRT: Listed date/Developmental toxin

Methyl Pyrrolidone (CAS 872-50-4)

Listed: June 15, 2001

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Methyl Pyrrolidone (CAS 872-50-4)

Triethylamine (CAS 121-44-8)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 12-09-2016

Revision date 08-18-2021

Version # 04

HMIS® ratings Health: 2*
Flammability: 0
Physical hazard: 0

Disclaimer No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product(s) or information contained in this material safety data sheet. The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state or local regulations concerning the use, misuse or disposal of these products.

Revision information This document has undergone significant changes and should be reviewed in its entirety.