# NIFTY TAN MASK

# SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

| | |
|---|---|
| Chemical Name | Mixture |
| CAS No. | Mixture |
| Trade Name | NIFTY TAN MASK |
| Product Code | M-7844 |

**Relevant identified uses of the substance or mixture and uses advised against**

| | |
|---|---|
| Identified Use(s) | Spray Paint |
| Uses Advised Against | None |
| Company Identification | Spray Products Corporation<br>P.O. Box 737<br>Norristown, PA 19404 |
| Telephone | (610) 277-1010 |
| Fax | (610) 277-4390 |
| E-Mail (competent person) | johnd@sprayproducts.com |

**Emergency telephone number**

| | |
|---|---|
| Emergency Phone No. | **Transportation Emergency:** CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted) |

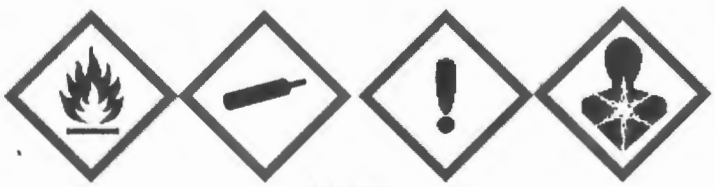
## SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200) — Flam. Aerosol 1; Liquefied gas; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1B; Repr. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1

**Label elements**

Hazard Symbol



Signal word(s): **DANGER**

Hazard Statement(s):

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

May cause damage to organs through prolonged or repeated exposure (Inhalation - neuropsychological effects, auditory dysfunction and effects on colour vision)

| | |
|---|---|
| Precautionary Statement(s) | Obtain special instructions before use.<br>Do not handle until all safety precautions have been read and understood.<br>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>Do not spray on an open flame or other ignition source.<br>Do not pierce or burn, even after use.<br>Wash hands and exposed skin after use.<br>Wear protective gloves/protective clothing/eye protection/face protection.<br>Avoid breathing dust/fume/gas/mist/vapours/spray.<br>Contaminated work clothing should not be allowed out of the workplace. |
| **Other hazards** | Toxic to aquatic life. Harmful to aquatic life with long lasting effects. |

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s) | % wt. * | CAS No. | Hazard classification |
|---|---|---|---|
| Acetone | 20 - 50 | 67-64-1 | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336 |
| Propane / nButane | 15 - 20 | 68476-86-8 | Flam. Gas 1; H220<br>Liquefied gas; H280 |
| Toluene | 0 – 25 | 108-88-3 | Flam. Liq. 2; H225<br>Repr. 2; H361<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Asp. Tox. 1; H304<br>STOT SE 3; H336<br>STOT RE 2; H373<br>Aquatic Acute 2; H401<br>Aquatic Chronic 3; H412 |
| Glycol Ether PM Acetate | < 20 | 108-65-6 | Flam. Liq. 3; H226 |
| Aliphatic Hydrocarbon | 0 - 10 | 64742-49-0 | Flam. Liq. 3; H226<br>Skin Irrit. 2; H315<br>Asp. Tox. 1; H304<br>STOT SE 3: H336<br>Aquatic Acute 2; H401<br>Aquatic Chronic 2; H411 |
| Xylene | 0 - 3 | 1330-20-7 | Flam. Liq. 3; H226<br>Skin Irrit. 2; H315<br>Eye Irrit. 2B; H319<br>Asp. Tox. 1; H304<br>STOT SE 3: H336<br>Aquatic Acute 2; H401 |
| Ethyl benzene | < 1 | 100-41-4 | Flam. Liq. 2; H225<br>Acute Tox. 4; H332<br>Asp. Tox. 1; H304<br>STOT RE 2; H373<br>Aquatic Acute 2; H401<br>Aquatic Chronic 3; H412 |
| Talc | 0 – 15 | 14807-96-6 | Acute Tox. 4; H332<br>Eye Irrit. 2; H319 |
| 2-Methoxypropyl acetate | < 0.2 | 70657-70-4 | Flam. Liq. 3; H226<br>Repr. 1B; H360<br>STOT SE 3: H336 |
| Pigment | 0.002 - 11 | Various | Not classified as dangerous for supply/use. |

| | | | |
|---|---|---|---|
| Hydrocarbon polymer | 0 – 5 | 9011-11-4 | Not classified as dangerous for supply/use. |

**Additional Information -** None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

## SECTION 4: FIRST AID MEASURES

**Description of first aid measures**

| | |
|---|---|
| Inhalation | Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention. |
| Skin Contact | Wash affected skin with soap and water. If symptoms develop, obtain medical attention. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. |
| Ingestion | Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting. |
| **Most important symptoms and effects, both acute and delayed** | May be harmful if swallowed and enters airways. |
| **Indication of any immediate medical attention and special treatment needed** | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. |

## SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**

| | |
|---|---|
| -Suitable Extinguishing Media<br>-Unsuitable Extinguishing Media | Extinguish with carbon dioxide, dry chemical, foam or water spray.<br>Do not use water jet. |
| **Special hazards arising from the substance or mixture** | Highly flammable vapor (flash point below 23°C). |
| **Advice for fire-fighters** | A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing vapors. |
| **Environmental precautions** | Prevent liquid entering sewers, basements and work pits. |
| **Methods and material for containment and cleaning up** | Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. |
| **Reference to other sections** | None |
| **Additional Information** | None |

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature

Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals.

**Specific end use(s)**

Spray paint

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

| SUBSTANCE. | CAS No. | (8hr TWA) | | (STEL) | | Note: |
|---|---|---|---|---|---|---|
| | | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | |
| Acetone | 67-64-1 | 1000 ppm | 500 ppm | ------ | 750 ppm | ^NIC |
| Toluene | 108-88-3 | 200 ppm | 20 ppm | 300 ppm* | ------ | *10-min. Ceiling |
| Propane / n-Butane | 68476-86-8 | 1000 ppm | Aspyx.# | ----- | ----- | # |
| Ethyl benzene | 100-41-4 | 100 ppm | 20 ppm | ---- | ----- | ---- |
| Xylene | 1330-20-7 | 100 ppm | 100 ppm | ---- | 150 ppm | ---- |
| Talc | 14807-96-6 | 20 mppcf | 2 mg/m3 | ---- | ---- | ---- |
| Aliphatic Hydrocarbon | 64742-49-0 | ---- | 1500 mg/m3 | ---- | ---- | ---- |

^NIC = Notice of Intended Changes (ACGIH®); #Assure minimum oxygen content of work atmosphere. @Comply with OSHA 29 CFR 1910.1026 regarding Hexavalent Chromium.

**Recommended monitoring method**

NIOSH 1300 (Ketones I); NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); NIOSH 1501 (Hydrocarbons, Aromatic); NIOSH 1401 (Alcohols II), NIOSH 1550 (Naphthas)

**Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber). Use gloves only once. Check with protective equipment manufacturer's data.

| | |
|---|---|
| Respiratory protection  | Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data. |
| Thermal hazards | Not normally required. Use gloves with insulation for thermal protection, when needed. |
| **Environmental Exposure Controls** | Prevent liquid entering sewers, basements and work pits. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance | Aerosol spray |
| Color. | Various |
| Odor | Hydrocarbon |
| Odor Threshold (ppm) | Not available |
| pH (Value) | Not available |
| Melting Point (°C) / Freezing Point (°C) | Not available |
| Boiling point/boiling range (°C): | Not available |
| Flash Point (°C) | Not available |
| Evaporation Rate | Not available |
| Flammability (solid, gas) | Extremely flammable aerosol. |
| Explosive Limit Ranges | 2.1% - 9.5% v/v (Propane) |
| Vapor pressure (Pascal) | ca. 95 x $10^4$ (Propane) |
| Vapor Density (Air=1) | ca. 1.56 @ 0°C (Propane) |
| Density (g/ml) | Not available |
| Solubility (Water) | Not available |
| Solubility (Other) | Not available |
| Partition Coefficient (n-Octanol/water) | Not available |
| Auto Ignition Point (°C) | Not available |
| Decomposition Temperature (°C) | Not available |
| Kinematic Viscosity | <20 mm2/s @ 40°C |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| **Other information** | Not available |

## SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity** | Stable under normal conditions. |
| **Chemical stability** | Stable. |
| **Possibility of hazardous reactions** | None anticipated. |
| **Conditions to avoid** | Avoid contact with heat and ignition sources. |
| **Incompatible materials** | Strong oxidizing agents |
| **Hazardous decomposition product(s)** | Carbon monoxide, Carbon dioxide, Acrid smoke |

## SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects**

Acetone (CAS No. 67-64-1)

| | |
|---|---|
| **Acute toxicity** | Oral LD50 = 5800 mg/kg (rat)<br>Dermal LD50 >15800 mg/kg (rabbit)<br>Inhalation LC50 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness. |
| **Irritation / Corrosivity** | Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking. |

**Sensitisation** It is not a skin sensitiser.

**Repeated dose toxicity** Oral NOAEL = 900 mg/kg/day (rat) (90-days)
Inhalation NOAEL ≥ 19,000 ppm (rat)

**Carcinogenicity** It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA | NIOSH |
|---|---|---|---|---|
| No. | No. | No. | No. | No. |

**Mutagenicity** Negative
**Toxicity for reproduction** Negative
**Other information** None known.

Toluene (CAS No. 108-88-3)

**Acute toxicity** Oral LD50 = 5580 mg/kg (rat)
Dermal LD50 >5000 mg/kg (rabbit)
Inhalation LC50 (4 hour(s)) 28.1 mg/l (rat) - Vapours may cause drowsiness and dizziness.

**Irritation / Corrosivity** Causes serious eye irritation. Causes skin irritation.

**Sensitisation** It is not a skin sensitiser.

**Repeated dose toxicity** Inhalation NOAEC = 1131 mg/m$^3$ (rat), 2 Year(s) - May cause damage to organs through prolonged or repeated exposure: neuropsychological effects, auditory dysfunction and effects on colour vision.

**Carcinogenicity** It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA | NIOSH |
|---|---|---|---|---|
| No. | No. | No. | No. | No. |

**Mutagenicity** There is no evidence of mutagenic potential.

**Reproductive toxicity** Suspected of damaging the unborn child. NOAEC: 2.8 mg/liter (rat)

Aliphatic Hydrocarbon (CAS No. 8032-32-4) - By analogy with similar materials:

**Acute toxicity** (calculated / estimated) Oral: LD50 >5000 mg/kg-bw
Dermal: LD50 >2000 mg/kg-bw
Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness.

**Irritation/Corrosivity** Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

**Sensitization** It is not a skin sensitizer.

**Repeated dose toxicity** Oral: NOEAL 750 mg/kg
Dermal: NOEAL 0.5 ml/kg bw
Inhalation: NOAEL ≥1000 mg/m3

**Carcinogenicity** It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA | NIOSH |
|---|---|---|---|---|
| No. | No. | No. | No. | No. |

**Mutagenicity** Not to be expected
**Reproductive toxicity** Not to be expected

Methyl Ethyl Ketone (CAS No. 78-93-3)

Acute toxicity Oral LD50 = 3460 mg/kg (rat)
Dermal LD50 >10 ml/kg (rabbit)
Inhalation LC50 >5041 ppm (6 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.

| | |
|---|---|
| Irritation / Corrosivity | Causes serious eye irritation. Unlikely to cause skin irritation. |
| Sensitisation | It is not a skin sensitiser. |
| Repeated dose toxicity | Inhalation NOAEL ≥ 5041 ppm (rat) |
| Carcinogenicity | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA |
|---|---|---|---|
| No. | No. | No. | No. |

| | |
|---|---|
| Mutagenicity | Negative |
| Toxicity for reproduction | Negative |
| Other information | None known. |

Methyl Isobutyl Ketone (CAS No. 108-10-1)

| | |
|---|---|
| Acute toxicity | Oral LD50 = 2080 mg/kg (rat)<br>Dermal LD50 xxx mg/kg (rabbit)<br>Inhalation LC50 >8 mg/l - < 16 mg/l (4 hour(s)) (rat) - May cause respiratory irritation. |
| Irritation / Corrosivity | Causes serious eye irritation. Unlikely to cause skin irritation. |
| Sensitisation | It is not a skin sensitiser. |
| Repeated dose toxicity | Oral NOAEL = 50 mg/kg/day (rat) (90-days) -<br>Inhalation NOAEL = 450 ppm (rat) - Kidneys (This effect is unlikely to occur in humans, provided exposure is maintained at or below the occupational exposure limit.) |
| Carcinogenicity | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA |
|---|---|---|---|
| No. | No. | No. | No. |

| | |
|---|---|
| Mutagenicity | Negative |
| Toxicity for reproduction | Negative |
| Other information | None known. |

Isopropanol (CAS# 67-63-0):

| | |
|---|---|
| Acute toxicity | Oral: LD50 = 5.84 g/kg (rat)<br>Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hour(s)<br>Inhalation: LC50 > 1000 ppm (rat) 6 hour(s) - Vapours may cause drowsiness and dizziness. |
| Irritation / Corrosivity | Irritating to eyes. |
| Sensitisation | It is not a skin sensitizer. |
| Repeated dose toxicity | NOAEL = 5,000 ppm (Inhalation) - Vapours may cause drowsiness and dizziness. |
| Carcinogenicity | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA |
|---|---|---|---|
| No. | No. | No. | No. |

| | |
|---|---|
| Mutagenicity | There is no evidence of mutagenic potential. |
| Toxicity for reproduction | No information available |
| Other information | None known. |

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Aliphatic Hydrocarbon (CAS No. 8032-32-4) - By analogy with similar materials:

| | |
|---|---|
| Short term | LC50 (96 hour): 2.5 mg/L (fish)<br>EC50 (48 hour): 1.4 mg/L (crustacea)<br>EC50 (72 hour): 1.3 mg/L (algae) |
| Long Term | NOEC (28 days): 0.098 mg/L (fish)<br>LOEC (21 days): 1.2 mg/L (crustacea)<br>LOEL (72 hour): 1 mg/L (algae) |

Toluene (CAS No. 108-88-3)

| | |
|---|---|
| Acute toxicity | LC50 (96 hour): 5.5 mg/l (*Oncorhynchus kisutch*)<br>EC50 (48 hour): 3.78 mg/l (*Ceriodaphnia dubia*)<br>EC50 (3 hour): 134 mg/l (Algae) |
| Long Term Toxicity | NOEC (40 days): 1.39 mg/l (*Oncorhynchus kisutch*)<br>NOEC (7 days): 0.74 mg/l (*Ceriodaphnia dubia*) |

| | |
|---|---|
| **Persistence and degradability** | Biodegradable |
| **Bioaccumulative potential** | The product has no potential for bioaccumulation. |
| **Mobility in soil** | Not available. |
| **Results of PBT and vPvB assessment** | Not classified as PBT or vPvB. |
| **Other adverse effects** | None known. |

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods** — Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

## SECTION 14: TRANSPORT INFORMATION

| | U.S. DOT | Sea transport (IMDG) | Air transport (ICAO/IATA) |
|---|---|---|---|
| **UN number** | 1950 | 1950 | 1950 |
| **Proper Shipping Name** | Aerosols, flammable | Aerosols, flammable | Aerosols, flammable |
| **Transport hazard class(es)** | 2.1 | 2.1 | 2.1 |
| **Packing group** | Not applicable | Not applicable | Not applicable |
| **Environmental hazards** | None assigned | None assigned | None assigned |
| **Special precautions for user** | None assigned | None assigned | None assigned |

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

## SECTION 15: REGULATORY INFORMATION

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

**TSCA (Toxic Substance Control Act) -** Inventory Status: All components listed or polymer exempt.

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|---|---|---|---|
| Acetone | 67-64-1 | 20–50 | 5000 |
| Toluene | 108-88-3 | 0–22.32 | 1000 |
| Xylene | 1330-20-7 | 0.52–2.789 | 100 |
| Ethyl benzene | 100-41-4 | 0.35–0.759 | 1000 |

**SARA 311/312 - Hazard Categories:**

☒ Fire ☒ Sudden Release ☐ Reactivity ☒ Immediate (acute) ☒ Chronic (delayed)

**SARA 313 - Toxic Chemicals (40 CFR 372):**

| Chemical Name | CAS No. | Typical %wt. |
|---|---|---|
| Toluene | 108-88-3 | 0–22.32 |
| Xylene | 1330-20-7 | 0.52–2.789 |

| | | |
|---|---|---|
| Ethyl benzene | 100-41-4 | 0.35–0.759 |

**SARA 302 - Extremely Hazardous Substances(40 CFR 355):**

| Chemical Name | CAS No. | Typical %wt. | TPQ (pounds) |
|---|---|---|---|
| None | ---- | ---- | ---- |

**California Proposition 65 List:**

| Chemical Name | CAS No. | Type of Toxicity |
|---|---|---|
| Toluene | 108-88-3 | Developmental, Female Reproductive |
| Ethyl benzene | 100-41-4 | Cancer |
| Methyl Isobutyl Ketone | 108-10-1 | Cancer |
| Benzene* | 71-43-2 | Cancer; Female Reproductive |
| Cumene* | 98-82-8 | Cancer |

*Trace to none.

## SECTION 16: OTHER INFORMATION

**The following sections contain revisions or new statements:** 1-16.
**Date of preparation:** April 29,2015

**Hazard Statement(s) and Risk Phrases Listed in: SECTION 3:**

**Hazard Statement(s)**

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H226: Flammable liquid and vapour.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H401: Toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.
- H412: Harmful to aquatic life with long lasting effects.
- H413: May cause long lasting harmful effects to aquatic life.

**Training advice:** None.

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