SECTION 1. IDENTIFICATION

Substance name : PRINEO Skin Closure System Adhesive
Dermabond
AHV6
AHV12
DHV12
AHVM12
DPP6
DPPXL6
APP6
APPXL6
OC005/PM60574
DNX6
DNX12
ANX6
ANX12
OC017
DHVM12

Manufacturer or supplier’s details
Company name of supplier : Ethicon Cornelia, USA
Address : 655 Ethicon Circle
Cornelia, GA 30531
Telephone : 877-384-4266
Telefax : 

Emergency telephone number : 
E-mail address Responsible/issuing person : SDSJanssen@its.jnj.com

Recommended use of the chemical and restrictions on use
Recommended use : Skin closure system

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Flammable liquids : Category 2
Aspiration hazard : Category 1
Chronic aquatic toxicity : Category 3
Specific target organ toxicity - single exposure : Category 3
Skin irritation : Category 2
GHS Label element

Hazard pictograms:

Signal word: Danger

Hazard statements:
- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

Prevention:
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ eye protection/ face protection.

Response:
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P331 Do NOT induce vomiting.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

Disposal:
- P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards:
- Adhesive will polymerize on contact with skin and eyes, and could bond with other surfaces.
- May be irritating to respiratory system.
- Vapours may cause drowsiness and dizziness.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Chemical nature: Liquid

Hazardous components
SECTION 4. FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If symptoms persist, call a physician.

In case of skin contact: Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water. If symptoms persist, call a physician.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.

If swallowed: If swallowed, rinse mouth with water (only if the person is conscious). Call a physician immediately.

Most important symptoms and effects, both acute and delayed: No information available.

Notes to physician: Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known.

Specific hazards during firefighting: Heating can release hazardous gases.

Hazardous combustion products: Carbon oxides
Nitrogen oxides (NOx)

Specific extinguishing methods: Remove undamaged containers from fire area if it is safe to do so.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Firefighters must wear fire resistant personal protective equipment.
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
In the event of an accidental release the emergency response team must respond based on a risk assessment and use personal protective equipment as appropriate.
Do not breathe vapours or spray mist.
Evacuate personnel to safe areas.
Ensure adequate ventilation.

Environmental precautions:
Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
Should not be released into the environment.

Methods and materials for containment and cleaning up:
Large spills: Dam up. Soak up with inert absorbent material.
Keep in properly labelled containers.
Small spills: Gently cover the spill with an absorbent towel or pad.
Large spills + Small spills: Keep in suitable, closed containers for disposal. Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion:
No data available.

Advice on safe handling:
To avoid thermal decomposition, do not overheat.
Avoid inhalation, ingestion and contact with skin and eyes.
Use only with adequate ventilation.
For personal protection see section 8.

Conditions for safe storage:
Keep away from heat and sources of ignition.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Store at room temperature.
Store in original container.
To maintain product quality, do not store in heat or direct sunlight.

Recommended storage temperature:
< 25 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters:
Contains no substances with occupational exposure limit values.

Hazardous components without workplace control parameters:

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbon solvent</td>
<td>Not Assigned</td>
</tr>
</tbody>
</table>
**Engineering measures**

All personal protective equipment should be based on a risk assessment. Consult an Environment Health Safety expert if necessary.

**Personal protective equipment**

**Respiratory protection**

Engineering controls should always be the primary method of controlling exposures. If respiratory protective equipment is needed for certain activities, the type as well as the corresponding protection factor will depend upon the risk assessment and air concentrations, hazards, physical and warning properties of substances present.

No personal respiratory protective equipment normally required.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection**

Remarks

Impervious gloves Do not wear cotton gloves.

**Eye protection**

Safety goggles

**Skin and body protection**

Wear suitable protective clothing.

**Protective measures**

The type of protective equipment must be selected based on the Environmental Health and Safety risk assessment. Consult an Environmental Health and Safety expert if necessary.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>purple</td>
</tr>
<tr>
<td>Odour</td>
<td>pungent</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>113 - 190 °C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>insoluble</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
</tr>
<tr>
<td></td>
<td>soluble</td>
</tr>
<tr>
<td>Solvent</td>
<td>Acetone</td>
</tr>
</tbody>
</table>

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### SECTION 10. STABILITY AND REACTIVITY

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Reactivity : None reasonably foreseeable.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Polymerisation can occur.

Conditions to avoid : To avoid thermal decomposition, do not overheat.
Heat, flames and sparks.
Exposure to moisture
Exposure to sunlight.

Incompatible materials : Water
Amines
Ammonium compounds
Strong bases

Hazardous decomposition products : Carbon oxides
Nitrogen

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
No data available

Skin corrosion/irritation

Components:
Hydrocarbon solvent
Result: Skin irritation

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

IARC
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive toxicity
No data available

STOT - single exposure

Components:
Hydrocarbon solvent
Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

STOT - repeated exposure
No data available

Repeated dose toxicity
No data available

Aspiration toxicity

Components:
Hydrocarbon solvent
May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available

Persistence and degradability

Product:
Biodegradability : Result: Inherently biodegradable.

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects

Product:
Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: In accordance with National, Federal, State and Local regulations.
Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

DOT
UN number: 1993
Description of the goods: Flammable liquids, n.o.s.
(Hydrocarbon solvent)
Class: 3
Packing group: II
Labels: 3
Emergency Response: 128
Guidebook Number
Environmentally hazardous: no

IATA
UN number: 1993
Description of the goods: Flammable liquid, n.o.s.
(Hydrocarbon solvent)
Class: 3
Packing group: II
Labels: 3
Packing instruction (CAO): 364
Packing instruction (PAX and CAO): 353
Packing instruction (LQ): Y341
Environmentally hazardous: no

IMDG
UN number: 1993
Description of the goods: FLAMMABLE LIQUID, N.O.S.
(Hydrocarbon solvent)
Class: 3
Packing group: II
Labels: 3
EmS Number 1: F-E
EmS Number 2: S-E
Marine pollutant: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act
SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

Massachusetts Right To Know
Hydrocarbon solvent Not Assigned 10 - 20 %

Pennsylvania Right To Know
2-octyl cyanoacrylate 133978-15-1 70 - 90 %
Hydrocarbon solvent Not Assigned 10 - 20 %

New Jersey Right To Know
2-octyl cyanoacrylate 133978-15-1 70 - 90 %
Hydrocarbon solvent Not Assigned 10 - 20 %

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other regulations : Restricted to professional users.

This product is not subject to TSCA and TSCA 12(b) Export notification because Food, Drugs and cosmetic products are
SECTION 16. OTHER INFORMATION

Further information

NFPA:

Flammability

Health

Instability

Special hazard

HMIS III:

HEALTH

FLAMMABILITY

PHYSICAL HAZARD

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

Revision Date : 2015/07/15

Date and Number Formats

This document uses the following notation for printing dates and numbers:

**Date:** Dec 31th, 2012 as 2012/12/31

**Numbers:** 123456,78 as 123,456.78

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