

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifier:

Product name: BL SILVER COAT Primer thinner

Product code(SDS NO): FOC682T-3

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

Relevant identified uses of the product: Paint(thinner)

Details of the supplier of the safety data sheet

Manufacturer/Supplier: PRESENCE Co., Ltd.

Address: 4-18-1 Minamikase Saiwaiku Kawasaki Kanagawa 2120055 JAPAN

Division: Research and Development

Telephone number: +81-44-587-3139

FAX: +81-44-580-3431

e-mail address: info@badland.net

Emergency telephone number (24h): +81-44-587-3139

2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

PHYSICAL HAZARDS

Flammable liquids: Category 2

HEALTH HAZARDS

Skin corrosion/irritation: Category 2

Serious eye damage/eye irritation: Category 2

Specific target organ toxicity - single exposure: Narcosis Category 3

Aspiration hazard: Category 1

ENVIRONMENT HAZARDS

Hazardous to the aquatic environment - acute hazard: Category 1

Hazardous to the aquatic environment - long-term hazard: Category 1

Label elements



Signal word: Danger

HAZARD STATEMENT

H225 Highly flammable liquid and vapor

H315 Causes skin irritation

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

H304 May be fatal if swallowed and enters airways

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT

Prevention

P273 Avoid release to the environment.

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.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P264 Wash contaminated parts thoroughly after handling.



- P280 Wear protective gloves.
P280 Wear protective gloves and face protection.
P280 Wear eye protection/face protection.

Response

- P370 + P378 In case of fire: Use appropriate media other than water for extinction.
P391 Collect spillage.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P331 Do NOT induce vomiting.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Storage

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

Disposal

- P501 Dispose of contents/container in accordance with local/national regulation.

Physical and Chemical hazards

- Highly flammable liquid. Vapor/air mixture may explode.

3. Composition/information on ingredients

Substance/Mixture:

Mixture

Ingredient name	Content(%)	CAS No.	PRTR law No, Japan
Butyl acetate	30 - 50	123-86-4	-
Diacetone alcohol	20 - 40	123-42-2	-
Cyclohexane	10 - 30	110-82-7	-

Note : The figures shown above are not the specifications of the product.

4. First-aid measures

Descriptions of first-aid measures

IF INHALED

Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN (or hair)

Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES

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.

IF SWALLOWED

Do NOT induce vomiting.

Immediately call a POISON CENTER or doctor/physician.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

In case of fire, use foam, dry powder, CO₂.

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Ventilate area after material pick up is complete.

Environmental precautions



Prevent spills from entering sewers, watercourses or low areas.
Preventive measures for secondary accident
Collect spillage.

7. Handling and storage

Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Avoid breathing dust/fume/gas/mist/vapors/spray.

(Protective measures against fire & explosion)

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Safety Measures/Incompatibility

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wear protective gloves and face protection.

Wear eye protection/face protection.

Conditions for safe storage, including any incompatibilities

Recommendation for storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

8. Exposure controls/personal protection

Control parameters

Adopted value

(Cyclohexane)

ACGIH(1964) TWA: 100ppm (CNS impair)

(Diacetone alcohol)

ACGIH(1979) TWA: 50ppm (URT & eye irr)

(Butyl acetate)

ACGIH(1995) TWA: (150ppm)

STEL: (200ppm) (Eye & URT irr)

Safety and Health measures

Wash ... thoroughly after handling.

Take off contaminated clothing and wash it before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical properties

Appearance: Liquid

Phase change temperature

Initial Boiling Point/Boiling point: 81°C

Flash point: (Cyclohexane)-18°C

Auto-ignition temperature: 260°C

Explosive properties: Flammability or explosive limit

lower limit: 1.2vol %

upper limit: 8.4vol %

10. Stability and Reactivity

Chemical stability

Stable under normal storage/handling conditions.

Possibility of hazardous reactions

Vapors may catch fire and explode.

11. Toxicological Information

Information on toxicological effects

No Acute toxicity data available

No Irritant properties data available



No Allergenic and sensitizing effects data available
No Mutagenic effects data available
No Carcinogenic effects data available
No Teratogenic effects data available
No reproductive toxicity data available
No STOT-single/repeated exposure data available
No Aspiration hazard data available

12. Ecological Information

Toxicity

Aquatic toxicity

Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

Water solubility

(Cyclohexane)
very poor 0.0058 g/100 ml (25 C) (ICSC, 2011)
(Diacetone alcohol)
100 g/100 ml (PHYSPROP Database, 2005)
(Butyl acetate)
0.7 g/100 ml (20 C) (ICSC, 2003)

Persistence and degradability

(Cyclohexane)
OECD test guide line 301F_Degradation/28days : 77% (EU-RAR, 2004)
(Butyl acetate)
BOD_Degradation : 98% (IUCLID, 2000)

Bioaccumulative potential

(Cyclohexane)
log Pow=3.4 (ICSC, 2011)
(Diacetone alcohol)
log Pow=-0.14 through 1.03 (ICSC, 2005)
(Butyl acetate)
log Pow=1.78 (PHYSPROP Database, 2005)

No Mobility in soil data available

Ozone depleting chemical data not available

13. Disposal considerations

Waste treatment methods

Avoid release to the environment (- if this is not the intended use).
Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

UN No, UN CLASS

UN number: 1263

UN proper shipping name:

PAINT or PAINT RELATED MATERIAL

Transport hazard class(es): 3

Packing group: II

ERG GUIDE NO.: 128

Special provisions NO.: 163; 367; A3; A72; A192

Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

Noxious Liquid ; Cat. Y

Cyclohexane; Butyl acetate

Noxious Liquid ; Cat. Z

Diacetone alcohol

15. Regulatory Information

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

The product is not applicable to Toxic/harmful substances control law, Japan

Industrial Safety and Health Act, Japan

Organic Solvents Class II



Butyl acetate
Labeling, etc. (Article 18 of the Cabinet Order)
Butyl acetate
Appended Table 1 Dangerous Substances (related to Article 1, 6, and 15)
Flammable (-30°C ≤ FP < 0°C)
Deliver of Documents, etc. (Article 18-2, attached table 9)
Butyl acetate; Diacetone alcohol; Cyclohexane
The product is not applicable to Pollution Release and Transfer Register (PRTR) law, Japan
Fire Service Act, Japan
Petroleum Gr.1, (Class II)
Chemical Substances Control Law, Japan
Priority Assessment Chemical Substances (PACSS)
Cyclohexane
Ship Safety Act
Class 3 : Flammable liquids
Civil Aeronautics Act
Class 3 : Flammable liquids

16. Other information

GHS classification and labelling

Flam. Liq. 2: H225 Highly flammable liquid and vapor
Skin Irrit. 2: H315 Causes skin irritation
Eye Irrit. 2: H319 Causes serious eye irritation
STOT SE 3: H336 May cause drowsiness or dizziness
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways
Aquatic Acute 1: H400 Very toxic to aquatic life
Aquatic Chronic 1: H410 Very toxic to aquatic life with long lasting effects

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN
Recommendations on the TRANSPORT OF DANGEROUS GOODS 18th edit., 2013 UN
Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)
2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)
2015 TLVs and BEIs. (ACGIH)
<http://monographs.iarc.fr/ENG/Classification/index.php>
Supplier's data/information

General Disclaimer

The information relates to this specific material. It may not be valid for this material, if used in combination with any other materials or in any process. It is the user's responsibility to satisfy him-selves as to the suitability and completeness of this information for his own particular use.

The information herein is given in good faith, but no warranty, express or implied, is made. Please consult us for further information.

To the best of our knowledge, the information contained here in is accurate. However, we assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of user. All material may present unknown hazards and should be used in caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist.

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It are advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.