

Safety Data Sheet

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

Product identifier:

Product name: (CB+Plus) CLEARBOND+PLUS NEW Low VOC

Product code: HB6681D, HB6681, HB6674 (SDS NO): Tst48_033_US

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

Product use: Primer

Details of the supplier of the safety data sheet

Manufacturer:

Made in Japan by: SOMAY-Q Technology Corporation

For : BHG IMPORT EXPORT INC.

715 N. CENTRAL AVE SUITE 213

GLENDALE CA 91203 USA

Web: bhg.us.com

Information department: Product safety department

24 Hrs Emergency Contact

CHEMTREC# 628320

EMERGENCY MEDICAL & SPILL CONTROL

FOR USA AND CANADA: 1-800 424-9300

OUTSIDE USA AND CANADA: +1703-527-3887



2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

PHYSICAL AND CHEMICAL HAZARDS

Flammable liquids: Category 3

(Note) GHS classification without description: Not classified/Classification not possible

Label elements



Signal word: Warning

HAZARD STATEMENT

H226 Flammable liquid and vapor

PRECAUTIONARY STATEMENT

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.

P280 Wear protective gloves and face protection.

Response

P370 + P378 In case of fire: Use appropriate media other than water for extinction.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

Storage

P403 Store in a well-ventilated place. P235 Keep cool.

Disposal

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

Specific Physical and Chemical hazards

Flammable liquid. Vapor/air mixture may explode.

3. Composition/information on ingredients

Mixture/Substance

Mixture

Ingredient name	CAS No.	Content (%)
4-chlorobenzotrifluoride	98-56-6	90 – 95
Butyl acetate	123-86-4	1 - 5
Ethyl acetate	141-78-6	1 - 5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First-aid measures

Descriptions of first-aid measures

Inhalation

Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact

When contact with skin, remove chemicals with clean/dry cloth as quickly as possible.

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

If you observe unusual symptom, have irritation/pain and/or feel unwell, seek medical advice.

Ingestion

If victim is conscious, give 1 - 2 glasses of water.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

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

Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Apply water from a safe distance to cool and protect surrounding area.

Special protective equipment and precautions for fire-fighters

Wear protective gloves/protective clothing/eye protection/face protection.

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.

Wear proper protective equipment.

Eliminate all sources of ignition and ventilate the area.

Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

7. Handling and storage

Precautions for safe handling Protective measures

(Protective measures against fire and 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

Wear protective gloves and face protection.

Wash hands et al thoroughly after handling.

Any incompatibilities

Strong acids should not be mixed with the chemicals.

Storage

Conditions for safe storage

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

8. Exposure controls/personal protection

Control parameters

Adopted value

(Butyl acetate)

ACGIH(2015) TWA: 50ppm;

STEL: 150ppm (Eye & URT irr)

(Ethyl acetate)

ACGIH(1979) TWA: 400ppm (URT & eye irr)

OSHA-PEL

(Butyl acetate)

TWA: 150ppm, 710mg/m³

(Ethyl acetate)

TWA: 400ppm, 1400mg/m³

NIOSH-REL

(Butyl acetate)

TWA: 150ppm; STEL: 200ppm

(Ethyl acetate)

TWA: 400ppm

Exposure controls

Appropriate engineering controls

Do not use in areas without adequate ventilation.

Individual protection measures

Respiratory protection

Wear respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

Wear eye/face protection.

Skin and body protection

Wear face protection (as specified by the manufacturer/supplier or the competent authority.)

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state: Liquid

Color: Colorless, Clear

Odor: Solvent odor Boiling point or initial boiling point: 138.6°C

Melting point/Freezing point: -32.8

Flammability (gases, liquids and solids): Ignitable

Flash point: 40°C

Auto-ignition temperature: 500°C

Lower and upper explosion limit/flammability limit: Not available.

Lower explosion limit: 0.9vol %

Upper explosion limit: 10.5vol %

Vapor pressure: 706.61Pa

VOC: 95.5g/liter / 0.797 :lb/gal

Relative vapor density (Air=1): 6.2

Density and/or relative density : 1.3

Kinematic viscosity: Not available.

Solubility

Solubility in water: Slightly soluble

10. Stability and Reactivity

Reactivity

Runaway polymerization will not occur.

Chemical stability

Stable under normal storage/handling conditions.

Possibility of hazardous reactions

Vapors may catch fire and explode.

Conditions to avoid

Forms shock-sensitive mixtures with certain other specific materials.

Incompatible materials

Strong acids, Strong oxidizing agents

Hazardous decomposition products

Carbon oxides

11. Toxicological Information

Information on toxicological effects

Acute toxicity data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenic effects data is not available.

Teratogenic effects data is not available.

Reproductive toxicity data is not available.

Aspiration hazard data is not available.

12. Ecological Information

Ecotoxicity

Ecotoxicity data is not available.

Water solubility

(Butyl acetate)

0.7 g/100 ml (20°C) (ICSC, 2003)

(Ethyl acetate)

8 g/100 ml (PHYSPROP_DB, 2009)

Persistence and degradability

(Butyl acetate)

Degrade rapidly (BOD_Degradation : 98% (SIDS, 2009))

Bioaccumulative potential

(Butyl acetate)

log Pow=1.78 (PHYSPROP DB, 2009)

(Ethyl acetate)

log Pow=0.73 (ICSC, 2014)

Mobility in soil

Mobility in soil data is not available.

Other adverse effects

Ozone depleting chemical data is not available.

13. Disposal considerations

Waste treatment methods

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

14. Transport Information

UN No., UN CLASS

UN No.: 1263

Proper Shipping Name :

Paint

Transport hazard class(es)3

Packing group : III

ERG GUIDE No.: 128

Environmental hazards

MARPOL Annex III - Prevention of pollution by harmful substances

Marine pollutants (yes/no) : no

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

Noxious Liquid ; Cat. Y

Butyl acetate

Noxious Liquid ; Cat. Z

Ethyl acetate

15. Regulatory Information

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

US major regulations

TSCA

4-chlorobenzotrifluoride; Butyl acetate; Ethyl acetate

Other regulation: **This section does not reference all applicable regulatory compliance lists.**

16. Other information

GHS classification and labelling

Flam. Liq. 3: H226 Flammable liquid and vapor

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (6th ed., 2015), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 20th edit., 2017 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (60th Edition) 2019

Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)

2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2019 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information