



Safety Data Sheet

according to Regulation (EC) No 1907/2006 and 1272/2008,
Hazard Communication Standard 29 CFR 1910 (USA),
WHS Regulations Australia,
JIS Z 7253 (2012) Japan

Clean & Wash returned for recycling

Revision Date: August 26, 2015

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the mixture: Clean & Wash returned for recycling

1.2 Use of the preparation: For use with ProJet® 6000/7000 systems

1.3 Company/undertaking identification:

3D Systems, Inc.
333 Three D Systems Circle
Rock Hill, South Carolina U.S.A.
Phone: 803.326.3900 or
Toll-free Phone: 800.793.3669
e-mail: moreinfo@3dsystems.com
Chemical Emergency:
800.424.9300 – Chemtrec

3D Systems Europe Ltd.
Mark House, Mark Road
Hemel Hempstead
Herts HP2 7 United Kingdom
Phone: +44 144-2282600
e-mail: moreinfo@3dsystems.com
Chemical Emergency:
703.527.3887 - Chemtrec (U.S.)

2. HAZARDS IDENTIFICATION

2.1 Classification

This material is not classified according to GHS, Regulation (EC) No. 1272/2008, HazCom 29 CFR 1910, Australian Dangerous Goods Code

2.2 Label Elements

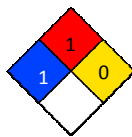
Regulation (EC) No. 1272/2008:

Hazard pictograms and signal word: None

Precautionary statements:

P305+351+338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P501: Dispose of contents/container in accordance with local/regional regulations



NFPA Ratings
0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Hazardous Materials Identification System (HMIS):

(Degree of hazard: 0 = low, 4 = extreme):

Health 1
Flammability 1
Physical Hazards 0

Personal Protection: A

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization:

Description: Organic substance



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3.2 Dangerous components:

Chemical name	CAS-No	EC-No	%	Classification	
				Regulation (EC) 1272/2008	Regulation 67/548/EEC, 1999/45/EC
Tripropylene glycol methyl ether	25498-49-1	247-045-4	80-98	-	-
3,4- Epoxycyclohexylmethyl 3',4'-epoxycyclohexane carboxylate	2386-87-0	219-207-4	1-10	Eye Irrit. 2, H319 Skin Irrit.2,H 315 Skin Sens.1,H 317 Aqu. Chron. 3, H 412	Xi R36/38, R43, R52/53
Mixture containing triarylsulfonium salt: 50% Propylene Carbonate 50% Mixed triarylsulfonium salts	108-32-7, 71449-78-0, 89452-37-9	203-572-1 403-500-0	0.1-1	Eye Irrit. 2, H319 Skin Sens 1, H317 Aqu. Acute 1, H400 Aqu. Chron.1, H410	Xi, N R36, R43, R50/53

4. FIRST AID MEASURES

4.1 General Information: Ensure that eyewash stations and safety showers are close to the workstation location.

4.2 In case of inhalation: Move affected person to fresh air. If respiratory irritation occurs, if breathing becomes difficult seek medical attention immediately.

4.3 In case of skin contact: Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse.

4.4 In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms persist.

4.5 In case of ingestion: If ingested, drink plenty of water and seek immediate medical attention. Do not induce vomiting.

4.6 Self-protection of the first aider: Put on appropriate protective equipment (see section 8).

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: Water mist, dry chemical, carbon dioxide, or appropriate foam.

5.2 Extinguishing media which must not be used for safety reasons: High volume water jet.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Thermal decomposition products can include CO₂, CO and smoke.

5.4 Special protective equipment for fire-fighters: Wear full protective clothing, including helmet, self-contained positive-pressure or pressure demand breathing apparatus, protective clothing and facemask.

5.5 Additional information: Move container from area if it can be done without risk. Cool containers with water spray. Avoid inhalation of material or combustion by-products.

6. ACCIDENTAL RELEASE MEASURES

6.1 Methods for cleaning up: Absorb spillage with suitable absorbent materials. Place all waste in an appropriate container for disposal.



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7. HANDLING AND STORAGE

7.1 Handling Provide adequate ventilation. Use suitable protective equipment. Avoid contact with skin and eyes. Do not breathe vapors or mist. Avoid ignition sources. Do not allow to enter drains or watercourses.

7.2 Storage: Store sealed in the original container at room temperature. Keep this material indoors in a cool, dry, well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:

General Product Information: No occupational exposure limits (PEL/TWA) have been established for this product.

8.2 Exposure controls

Technical measures to prevent exposure: Use local exhaust ventilation.

Instructual measures to prevent exposure: When using, do not eat, drink or smoke. Wash hands after handling and before eating, smoking and using the lavatory and at the end of the day.

Personal protection equipment:

Respiratory protection: If ventilation cannot effectively keep vapor concentrations below established limits, appropriate certified respiratory protection must be provided.

Hand protection: Use impervious nitrile gloves.

Eye protection: Wear safety glasses or chemical goggles.

Body protection: Use apron and closed shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance:

Physical state: Liquid

Colour: colorless

Odour: Mild

9.2 Important health, safety and environmental information

pH (20 °C):	NA
Melting point/range (°C):	NA
Boiling point/range (°C):	NA
Flash point (°C):	>93°C
Ignition temperature (°C):	NA
Vapour pressure (°C):	NA
Density (g/cm³):	0.968g/cm ³
Bulk density (kg/m³):	NA
Water solubility (20 °C in g/l):	NA
Viscosity, dynamic (mPa s):	NA
Dust explosion hazard:	NA
Explosion limits:	NA

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid: The product is stable.

10.2 Hazardous decomposition products: Carbon dioxide, carbon monoxide and other toxic fumes can be released at high temperatures or upon burning.



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11. TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution: NA

11.2 Acute effects (toxicity tests)

Component	LD ₅₀ Oral	LD ₅₀ Dermal
Tripropylene glycol methyl ether	3300 mg/Kg (rats)	NA

11.3 General remarks:

Carcinogenicity: The product is not listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

12. Ecological information

12.1 **Ecotoxicity:** The aquatic toxicity of the product is unknown.

12.2 **Mobility:** No information available for product.

12.3 **Persistence and degradability:** No information available for product.

12.4 **Results of PBT assessment:** No information available for product

12.5 **Other adverse effects:** No information available for product

13. DISPOSAL CONSIDERATIONS

13.1 **Appropriate disposal / Product:** Do not contaminate drains, soil or surface waters with this material or its container. Reduce waste by attempting to utilize product completely. Dispose of this container and its contents in accordance with all local, state, and federal regulations. Do not reuse or refill.

14. TRANSPORT INFORMATION

14.1 **Land transport (ADR/RID/GGVSE):** Not Regulated

Official transport designation:

Class:

Classification Code:

UN-No.:

Packing group:

Hazard label:

Tunnel restriction code:

Special provisions:

14.2 **Sea transport (IMDG-Code/GGVSee):** Not Regulated

Proper Shipping Name:

Class:

UN-No.:

Packing group:

EmS:

Marine Pollutant:

Special provisions:

14.3 **Air transport (ICAO-IATA/DGR):** Not Regulated

Proper Shipping Name:

Class:

UN-No.:

Packing group:

Special provisions:



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15. REGULATORY INFORMATION

15.1 EU regulations

EINEC/ELINCS/NLP: All materials are listed
REACH Annex XVII: None listed

15.2 .US FEDERAL

TSCA: All materials are listed on the TSCA Inventory or are not subject to TSCA requirements
SARA 302 EHS List (40 CFR 355 Appendix A): None listed
SARA 313 (40 CFR 372.65): Antimony Compounds (category N010)
CERCLA (40 CFR 302.4): None listed

15.3. Australian regulations

SUSDP, Industrial Chemicals Act 1989:
Australian Inventory of Chemical Substances, AICS: Listed

15.4 Japanese regulations

Chemical Risk Information platform (CHRIP):	Listed
Industrial Health and Safety Law	not applicable
Hazardous material	not applicable
Organic solvent poison prevention rule	not applicable
Ordinance on prevention of hazard due to specified chemical substances	not applicable
Lead Poisoning Prevention Rule	not applicable
Poison and Deleterious Substance Control law	not applicable
PRTR and Promotion of Chemical Management law (PRTR Law)	no listed components
Fire Services Act	Category 4, Class 3, oil
Explosives Law	not applicable
High pressure gas safety law	not applicable
Export Trade Control Order	not applicable
Waste Disposal and Public Cleaning Law	applicable, industrial waste

16. OTHER INFORMATION

16.1 Relevant Hazard Statements (number and full text) referred to in sections 2 and 3 (according to (EC) No. 1272/2008):

Irrit. 2, H 315- Skin irritation, category 2, H 315: Causes skin irritation
Skin Sens. 1, H 317- Skin sensitization, category 1, H317: May cause an allergic skin reaction
Eye Irrit. 2, H319- Serious eye irritation, category 2, H319: Causes serious eye irritation
Aqu.Chron. 3, H412- Aquatic environment – long-term hazard, category 3, H412: Harmful to aquatic life with long lasting effects
Aqu. Acute 1, H400- Aquatic environment- acute hazard, category 1, H400: Very toxic to aquatic life
Aqu. Chron.1, H410- Aquatic environment-long term hazard, category 1, H410: Very toxic to aquatic life with long lasting effects

Relevant R-Phrases (number and full text) referred to in sections 2 and 3:

R36: Irritating to eyes.
R36/38- Irritating to eyes and skin
R43: May cause sensitization by skin contact
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.2 Further information:

SDS Creation Date: December 12, 2011
SDS Revision #:-01-A
SDS Revision Date: August 26, 2015
Reason for Revision: GHS update



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