



SAFETY DATA SHEET

TREMCO CP108 DPM PRIMER (formerly RAPIDE)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name TREMCO CP108 DPM PRIMER (formerly RAPIDE)
Product No. 10762

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

Identified uses Component of a self-curing acrylate deck coating system

1.3. Details of the supplier of the safety data sheet

Supplier: Tremco illbruck Coatings Ltd
Coupland Rd
Hindley Green
Wigan
WN2 4HT
England
Phone: +44 (0) 1942 251400
Phone: +44 (0) 1942 258011
Fax: +44 (0) 1942 521923
msds@tremco-illbruck.com

1.4. Emergency telephone number

+44 (0) 1942 251400 (9am - 5pm UK)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36/37/38. R43. F;R11.

2.2. Label elements

Contains: 2-HYDROXYETHYL METHACRYLATE
ETHYLENE DIMETHACRYLATE
METHYL METHACRYLATE

Labelling



Irritant



Highly Flammable

Risk Phrases

R11 Highly flammable.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.

Safety Phrases

S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.

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S33

Take precautionary measures against static discharges.

2.3. Other hazards

This product does not contain any PBT or vPvB Substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

2-HYDROXYETHYL METHACRYLATE	30-60%
CAS-No.: 868-77-9	EC No.: 212-782-2
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) R43 Xi;R36/38
ETHYLENE DIMETHACRYLATE	1-5%
CAS-No.: 97-90-5	EC No.: 202-617-2
Classification (EC 1272/2008) Skin Sens. 1 - H317 STOT Single 3 - H335	Classification (67/548/EEC) R43 Xi;R37
METHYL METHACRYLATE	30-60%
CAS-No.: 80-62-6	EC No.: 201-297-1
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT Single 3 - H335	Classification (67/548/EEC) F;R11 R43 Xi;R37/38

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation.

Provide rest, warmth and fresh air. Place unconscious person on the side in the recovery position and ensure breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

Skin Contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

Eye Contact

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation.

Irritation of nose, throat and airway.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Skin irritation. Allergic rash.

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Eye Contact

May cause severe irritation to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Foam, carbon dioxide or dry powder.

Water spray.

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back. Fire causes formation of toxic gases.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Use supplied air respirator if product is involved in a fire. Use water SPRAY only to cool containers! Do not put water on leaked material.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Inform Authorities if large amounts are involved. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m3	100 ppm	416 mg/m3	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective Equipment

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Respiratory Equipment

Respiratory protection must be used if air contamination exceeds acceptable level. Use chemical cartridge protection with appropriate cartridge.

Hand Protection

Use gauntlet type rubber gloves.

Eye Protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear antistatic, flame retardant protective clothing and antistatic boots.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear to Milky.
Odour	Acrylic
Solubility	Slightly soluble in water.
Initial Boiling Point and Boiling Range:	100°C ¹ 760 mm Hg
Relative Density	0.99 ¹
Vapour Pressure	36 mbar @ 20° °c
Viscosity	120 mPas @ 20°C
Solubility Value (G/100G H ₂ O@20°C)	1.6 ¹
Flash Point (°C)	11.5 ¹ CC (Closed cup).
Flammability Limit - Lower(%)	2.1 ¹
Flammability Limit - Upper(%)	12 ¹
Partition Coefficient (N-Octanol/Water)	0.73 ¹
Comments	¹ Information given concerns the major ingredient.

9.2. Other information

Volatile By Vol. (%)	100%
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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product may form explosive vapours/air mixtures even at normal room temperatures.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Polymerisation Description

Avoid heat, light & moisture. Possibility of strongly exothermal polymerisation on exposure to heat or catalysing substances. Polymerisation may cause pressure build-up and bursting of drums Polymerisation may be checked by cooling or adding an inhibitor such as hydroquinone.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight. Water, moisture.

10.5. Incompatible materials

Materials To Avoid

Organic peroxides/hydroperoxides. Strong oxidising substances. Strong reducing agents.

10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Relatively low toxicity. Odour threshold is well below occupational exposure limit.

Ingestion.

Low oral toxicity

Skin Contact

Irritating to skin. May cause sensitisation by skin contact.

Eye Contact

Irritating to eyes.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute Fish Toxicity

Low toxicity to aquatic organisms

12.2. Persistence and degradability

Degradability:

Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulative Potential:

Low potential for bioaccumulation

Partition Coefficient

Partition coefficient
(n-octanol/water): 0.73¹

12.4. Mobility in soil

Mobility:

The product is partly soluble in water. May spread in the aquatic environment.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

Waste product is classified as Hazardous Waste

Contaminated rags etc are also hazardous waste, as are uncleaned cans.

Fully cured product is not hazardous

13.1. Waste treatment methods

In the UK refer to the Hazardous Waste Regulations (2005)

Waste Class

Hazard Classification H3A, H4 EWC Code: 08 01 11

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1866

UN No. (IMDG) 1866

UN No. (ICAO) 1866

14.2 UN Proper shipping name

Proper Shipping Name RESIN SOLUTION

14.3 Transport hazard class(es)

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ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

Tunnel Restriction Code (D/E)

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 ("CHIP 4")

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Dangerous Preparations Directive 1999/45/EC.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 25/08/2011

Supersedes Date 26/01/2009

SDS No. 10770

Risk Phrases In Full

R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.

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Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.