

SAFETY DATA SHEET

SM 1330 BLK

According to Regulation GB/T 16483-2008 and GB/T 17519-2013

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

1.1. Product identifier

Product name SM 1330 BLK
Product No. PWSM.1330SAUS BLK

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

Identified uses 粘结与密封
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier ITW Performance Polymers (Wujiang) Co. Ltd.
No.4680 North Pangjin Road
Economic Development Zone
Wujiang, Jiangsu, China
Telephone : (+86) 512-63488388
Fax : (+86) 512-63091890
E-mail Address : info@itwppfchina.com
Contact Person ITW Performance Polymers (Wujiang) Co. Ltd.

1.4. Emergency telephone number

National Emergency Telephone Number
(+86) 532-83889090 (24H)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
Environment	Not classified.

Human health
Irritating.
Environment

Contains a substance which causes risk of hazardous effects to the environment.
Physical and Chemical Hazards
Closed containers can burst violently when heated, due to excess pressure build-up.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning
Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
Supplementary Precautionary Statements	
P280	Wear protective gloves/protective clothing/eye protection/face protection.

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P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.
P332+313	If skin irritation occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.

2.3. Other hazards

No other hazards.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Calcium Carbonate	30-60%
CAS-No. : 471-34-1	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38.
Silyl terminated polyether	30-60%
CAS-No. : Proprietary	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
Fumed Silica	1-5%
CAS-No. : Proprietary	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
Vinyltrimethoxy silane	1-5%
CAS-No. : 2768-02-7	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38. R10.
Carbon Black	1-5%
CAS-No. : 1333-86-4	
Classification (EC 1272/2008) EUH018 Flam. Sol. 1 - H228 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335	Classification (67/548/EEC) Carc. Cat. 3;R40. Xi;R36/37. F;R11. R18.

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Treat Symptomatically.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If respiratory problems, artificial respiration/oxygen. Call a POISON CENTER or doctor

Ingestion

IF SWALLOWED: DO NOT induce vomiting. Call a POISON CENTER or doctor. Never give anything by mouth to an unconscious person.

Skin contact

IF ON SKIN: Take off contaminated clothing. Wash with plenty of water several minutes. If skin irritation occurs: Get medical advice/attention.

Eye contact

IF IN EYES: Hold eyelids apart. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

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

General information

The casualty should be transferred to hospital for further treatment.

Inhalation

Irritation of nose, throat and airway.

Ingestion

Cause irritation. Nausea, vomiting.

Skin contact

Skin irritation. Allergic reactions are possible.

Eye contact

Irritation of eyes and mucous membranes.

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

Treatment should be controlled by symptoms and clinical conditions.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Avoid water in straight hose stream, which will scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrocarbons.

Unusual Fire & Explosion Hazards

If heated in a fire, volume and pressure increases strongly, resulting in rupture or explosion of container.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Evacuate area of unprotected personnel. Fight advanced or massive fires from safe distance or protected location. Use water to keep fire exposed containers cool and disperse vapours. Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Extinguish at a up wind place.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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For personal protection, see section 8. Avoid contact with skin and eyes. Avoid inhalation of vapours and aerosol spray. Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

The product belongs to water pollutant. Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Well ventilated and well protected.

【1】 Small Spillages: Collect the spillages into a closed container. Absorb with inert, damp, non-combustible material, then transit to a safety place.

【2】 Large Spillages: Stop the flow of material if this is without risk. Dike the spilled material. Cover with plastic sheet to prevent spreading. Pump or shovel to storage or salvage vessels. Prevent entry into waterways, sewer, basements or confined areas.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Provide good ventilation. Avoid breathing vapor, aerosol or mist. Avoid contact with eyes and skin. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 15° C and 25° C. 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
Carbon Black	WEL		3, 5 mg/m ³		7 mg/m ³	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

Wear respiratory protection with combination filter at high concentration. At emergency, respiratory protection with air supply must be used.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Wear tight-fitting goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash thoroughly after handling. Form a good habit.

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Personal protection

People unprotected as required are not allowed into the work area.

Skin protection

Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Paste
Colour	Black.
Odour	Mild.
Solubility	Insoluble in water
Initial boiling point and boiling range (° C)	
Not determined.	
Melting point (° C)	
Not determined.	
Relative density	1.45 @20°C
Vapour density (air=1)	
Not determined.	
Vapour pressure	
Not determined.	
Evaporation rate	
Not determined.	
Evaporation Factor	
Not determined.	
pH-Value, Diluted Solution	
Not determined.	
Decomposition temperature (° C)	
Not determined.	
Flash point (° C)	>100°C Not noted.
Auto Ignition Temperature (° C)	
Not determined.	
Flammability Limit - Lower(%)	
Not determined.	
Flammability Limit - Upper(%)	
Not determined.	
Partition Coefficient (N-Octanol/Water)	
Not determined.	

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product will harden into a hard mass in contact with water and moisture.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Water, moisture.

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10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong reducing agents.

10.6. Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Specific target organ toxicity – single exposure:

Target Organs

No specific target organs noted

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

Route of entry

Eyes. Skin. Inhalation. Ingestion.

Target Organs

Eyes Skin Respiratory system. Digestive system.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

No related data.

12.2. Persistence and degradability

No information.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility:

no reports available

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

No information required.

SECTION 13: DISPOSAL CONSIDERATIONS

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General information

Read the legal and other requirements before disposing of the waste.

13.1. Waste treatment methods

【1】Waste from residues or unused products:

Recycling as much as possible. If not be recycled, arrange disposal of residual chemicals and contaminated containers in accordance to the state and local regulations.

Do not employ the disposal method by discharging into the sewer.

【2】Contaminated Packaging:

Do not reuse containers without proper cleaning or reconditioning.

The container shall be returned to the manufacturer or disposed of in accordance with state and local guidelines.

【3】Precaution When Disposal:

Safety precautions of disposal, see section 8.

The product shall be treated as hazardous waste even if it is discarded on the condition not used or contaminated.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

No information required.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

Read safety instructions, SDS and emergency procedures before handling.

14.4. Packing group

No information required.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

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

No information required.

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

【1】 Regulation (EC) No 1272/2008 – classification, labelling and packaging of substances and mixtures

【2】 Regulation (EC) No 1907/2006 – REACH

【3】 TOXIC SUBSTANCES CONTROL ACT

【4】 International Maritime Dangerous Goods Code

Health and Environmental Listings

【1】 Law of the People's Republic of China on Prevention and Control of Occupational Diseases

【2】 Measures for Environmental Management of New Chemical Substances

【3】 National Catalogue of Hazardous Waste

【4】 Occupational exposure limits for hazardous agents in the workplace—Chemical hazardous agents.

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out.

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SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

- 【1】MAC: Maximum Allowable Concentration.
- 【2】TLV: Threshold Limit Value.
- 【3】PC-TWA: Permissible Concentration-Time Weighted Average.
- 【4】PC-STEL: Permissible Concentration-Short Term Exposure Limit.
- 【5】IARC: International Agency for Research on Cancer.
- 【6】ACGIH: American Conference of Governmental Industrial Hygienists.

General information

Only trained personnel should use this material.

Information Sources

【1】Source for PHYSICAL HAZARDS:

International Chemical Safety Cards, ICSCs, <http://www.ilo.org/dyn/icsc/showcard.home>
International Uniform Chemical Information Database, IUCLID, <http://esis.jrc.ec.europa.eu/>
NIOSH Pocket Guide to Chemical Hazards, <http://www.cdc.gov/niosh/npg>
CAMEO Chemicals, <http://cameochemicals.noaa.gov/>

【2】Source for HEALTH HAZARDS:

Environmental Health Criteria, EHC, <http://www.inchem.org/pages/ehc.html>
Concise International Chemical Assessment Documents, CICADs, <http://www.inchem.org/pages/cicads.html>
SIDS Initial Assessment Report, SIDS Report, <http://www.chem.unep.ch/irptc/sids/OECD/SIDS/sidspub.html>
International Agency for Research on Cancer, IARC, <http://monographs.iarc.fr/>

【3】Source for ENVIRONMENTAL HAZARDS:

OECD: SIDS <http://www.chem.unep.ch/irptc/sids/OECD/SIDS/sidspub.html>
WHO/IPCS: EHC <http://www.inchem.org/pages/ehc.html>

Revision Comments

Section 2-HAZARDS IDENTIFICATION, add GHS classification and pictogram

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