

MATERIAL SAFETY DATA SHEET

Version 7.0

Revision Date 2021/10/24

Ref# 00605SDS-TCM



TECORE® Conditioning Sheet W80-K

This MSDS adheres to the standards and regulatory requirements of China.

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

Product Name : **TECORE® W80-K**
Product Use : Conditioning Sheet (Strip), to recover the releasing ability of metal molding dies after cleaning
Manufacturer : TECORE SYNCHEM,INC.
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2. HAZARDS IDENTIFICATION

Classification of GHS

Physical Hazards : No Classification

Health Hazards

Skin Sensitization : 1B; H317

Eye Damage/ Irritation : 2B; H320

Respiratory Sensitization : 1B; H334

Environmental Hazards : No Classification

GHS Label Elements

Pictograms or Hazard Symbols



Signal Word : Danger

Hazard Statement : Inhalation can cause symptoms of allergies or asthma or difficulty breathing
May cause an allergic skin reaction
Causes eye irritation

Precautionary Statement

Prevention : P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P285 if ventilation is insufficient, wear respiratory protective equipment
P280 Wear protective gloves.

Response : P304 + P341
If inhalation by mistake: if breathing is difficult, move the victim to the fresh air and maintain a comfortable resting position
P342 + P311
If have respiratory symptoms: call detoxification center or doctor
P302 + P352

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IF ON SKIN: Wash with plenty of soap and water.

P333 + P313

If skin irritation or rash occurs: Get medical advice/attention.

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.

Disposal : P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration	GHS Classification
Synthetic Rubber	25038-36-2	45-55%	No Classification
Silica Filler	10279-57-9	15-45%	Harmful if inhaled 4; H332
Titanium Oxide	13463-67-7	3~5%	Harmful if inhaled 4; H332 May cause allergy or asthma symptoms or breathing difficulties if inhaled 1B; H334 May cause an allergic skin reaction 1B; H317 May be harmful if swallowed and enters airways 2; H305 Causes eye irritation 2B; H320
Carbon Black	1333-86-4	0.01~0.03%	Flammable Solid 1; H228 Causes eye irritation 2B; H320 Harmful if inhaled 4; H332 May cause allergy or asthma symptoms or breathing difficulties if inhaled 1B; H334
PE Wax	68441-17-8	12~18%	No Classification
Harder(s)	Confidential Business Information	0.1~2%	No Classification

4. FIRST AID MEASURES

- Inhalation : If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention
- Skin Contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water
- Eye Contact : If symptoms develop, flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention
- Ingestion : Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

5. FIRE FIGHTING MEASURES

- Nature of Hazard : Flammable
- Flash Point : No data available
- Hazardous combustion products : Stable under recommended storage conditions. By combustion, formation of toxic products: carbon, carbon monoxide and carbon dioxide.
- Suitable extinguishing media : Powder, foam, carbon dioxide, sand and pulverized water.
- Protection of Fire-Fighters : Wear individual breathing apparatus.

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- Others : 1) Treat as hydrocarbon fire.
2) Limit spreading of extinguishing fluids.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear suitable protective equipment to avoid contact with skin and eye, and inhale gas.
- Environmental precautions : Prevent spills from entering sewers, watercourses or low area.
- Methods for Cleaning up : Waste materials using a broom or cleaning machine not to raise dust.
- Disposal : Consult a waste disposal company for optimum treatment, or abandon by fire according to the local regulation.

7. HANDLING AND STORAGE

Safe handling advice

- Advice on safe handling : 1) When using, workplace ventilation is required-NO SMOKING.
2) Prevention of Fire and Explosion
3) If there is a risk of inhaling gas or smoke, use a local exhaust ventilation system

Storage

- Requirements for storage areas and containers : 1) Keep away from sunlight, heat and sources of ignition (NO SMOKING)
2) Keep the products in a cool, well ventilated place.
- Storage limits : Keep at temperature not exceeding 10 °C or 30 days unpacked at room temperature
- Further information on storage conditions : The product to be transported at or below 10 °C. However, in case of domestic transportation (not exceeding 15 days), the normal (non-refrigerator) container/truck is allowable in any season/climate, without any negative effects to shelf life, pot life, or properties.
- Materials to avoid : Strong acids, alkali, oxidizing agent
- Advice on protection against fire and explosion : No information available
- Mixed storage advice : No information available

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- Ventilation system** : Adequate facilities are required for each mold press to exhaust it's fume and smell.
The common ventilation system of molding machines is adequate (recommended wind volume higher than 12m³/min and wind speed higher than 0.5m/s, static pressure approx. 200mm Aq)
- Respiratory protection** : -Not required under normal conditions (with adequate ventilation system).
-If processing in area where ventilation is inadequate, please follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149a
*Recommend to wear organic vapor respirator with mechanical filtration, compliant with [NIOSH 42CFR84 R95](#) (i.e. 3M™ Respirator 8247 R95)
- Eye protection** : Safety goggles.
- Skin and body protection** : Wear suitable protective gloves and clothing.
- Specific hygiene measures** : When using, do not eat or smoke.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state form	:	Solid
Color	:	Light Gray to Dark Gray
Odor	:	Slight rubber/paraffin odor
pH	:	6~7

Specific temperature /temperature ranges at which changes in physical state occur

Boiling point	:	No data available
Boiling range	:	No data available
Fusing point	:	No data available
Decomposition temperature	:	No data available
Flash point	:	No data available
Autoignition temperature	:	450 °C (Synthetic rubber)
Explosion properties	:	No data available
Vapour pressure	:	No data available
Vapour density	:	No data available
Density	:	1.0-1.2 g/cm ³ (Specific Gravity)
Solubility in Water	:	Not solve for water
Solubility in toluene	:	Solve for toluene

10. STABILITY AND REACTIVITY

Stability	:	Stable under unopened conditions at below 10°C for a year or at room temperature for 30 days.
Condition to avoid	:	Sun Light, heat, spark, high humidity and any igniting source.
Materials to avoid	:	Strong acids, alkali, oxidizing agent at high temperature.
Hazardous decomposition products	:	Carbon monoxide, carbon dioxide, various hydrocarbons, and partially oxidized hydrocarbons.
Hazardous Polymerization	:	Will not occur at room temperature and pressure.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	:	No data available
Subacute toxicity	:	No data available
Irritant effects	:	No data available
Sensitisation	:	No data available
Mutagenicity	:	No data available
Teratogenicity	:	No data available
Carcinogenicity	:	No data available
Other	:	1) In case of heating, it generates fume/odor and stimulates the nose. 2) In case of too much inhalation of the fume, vomituration may happen slightly.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	:	No data available
Biodegradability	:	No data available
Abiotic degradation	:	No data available
Bioaccumulation	:	No data available

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Further information on ecology : No data available

13. DISPOSAL CONSIDERATIONS

Product : Any disposal must be in compliance with country, local, state and federal laws and regulations (contact country, local or state environmental agency specific rules).

Waste Disposal method : Consult waste disposal company for the optimum treatment.

Destroying Procedure of Contaminated Packing : Cleaned packaging may be recycled.

14. TRANSPORT INFORMATION

UN Classification : No Classification

UN Number : No

Environmental Hazards : ADR: No
: IMDG/ADN: No
: IATA: No

UN Proper Shipping Name : Rubber, Solid(s)

Packing Group Rate : Not Applicable

15. REGULATORY INFORMATION

The regulatory information listed below is no completed, and some other regulations may be applicable for the specified product(s) also.

Chinese Classification : No classification according to GB13690

EC Pictograms/ Hazard Codes : Not Applicable

EC Risk Phrases : No Classification

EC Safety Phrases : No Classification

EINECS : All components listed or polymer exempt.

TSCA : All components are listed on the TSCA Inventory

Other Regulatory Information : GB 6944-2005: Classification and Code of Dangerous Goods
GB/T16483-2008: Safety Data Sheet for Chemical Products-Contents and Order of Sections.
GB 13690-2009: General Rule for Classification and Hazard Communication of Chemicals
GB 12268-2005: List of Dangerous Goods
GBZ 2.1-2007: Occupational Exposure Limits for Hazardous Agents in The Workplace
List of National Hazardous Wastes (CHINA)

16. OTHER INFORMATION

Revision Number : 7.0

Effective Date : 2021-10-24

MSDS Distribution : The information in this document should be made available to all who may handle the product.

Disclaimer : The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.

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