



Material Safety Data Sheet (MSDS) Report

Material Safety Data Sheet (MSDS) Report

Report Number: STSGZ2304073043E

Applicant: PIC Corporation

Issue Date: Apr 11, 2023

Address: 1101-1107 W. Elizabeth Ave, Linden,
NJ 07036

Sample Description :

The sample information was submitted and identified on client' s behalf to be:

Product Name : FLY-REEL, REFILL FLY-REEL

Physical State : Solid

Data Received : Apr 7, 2023

Data Reviewed : Apr 11, 2023

Remark : -

Service Requested:

Based on the information provided by the applicant, the Material Safety Data Sheet (MSDS) was generated in accordance with requirements of American OSHA HazCom Standard (2012), for details please refer to attached pages.

Signed for and on behalf of STS

Mark Mai
(Technical Director)



The sample(s) and sample information was/were submitted and identified by the client. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report shall not be reproduced expected in full, without written approval of the Company.

Guangzhou Depuhua Test Services Co., Ltd.

A301&A401, 3/F.&4/F., Xinghui Building, Guanyao, Shilou, Panyu District, Guangzhou, Guangdong, China

Tel : +86 (0) 20-6664 1688 +86 (0) 20-6664 1699 e-mail:stsgz@stsapp.com

Web : Shenzhen :www.stsapp.com Guangzhou :www.stsgz.com

1 Identification

Product identifier

Product Name	FLY-REEL, REFILL FLY-REEL
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

Recommended use of the product and restrictions on use

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

Details of the supplier of the Safety Data Sheet

Name of the company	PIC Corporation
Address of the company	1101-1107 W. Elizabeth Ave, Linden, NJ 07036
Post code	—
Telephone number	—
Fax number	—
E-mail address	—

Emergency phone number

Emergency phone number	—
------------------------	---

2 Hazard(s) identification

Hazard classification according to GHS

According to OSHA HCS-2012, not classified as a hazardous chemical.

GHS Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
-------------------	----------------

Precautionary statements

Prevention

Prevention	Not applicable
------------	----------------

Response

Response	Not applicable
----------	----------------

Storage

Storage	Not applicable
---------	----------------

◆ Disposal

Disposal	Not applicable
-----------------	----------------

| Other hazards

	Not applicable.
--	-----------------

| Hazard description

◆ Physical and chemical hazards

	Solid, insoluble in water, no harm under normal conditions.
--	---

◆ Health hazards

Inhaled	Not applicable.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	No harm in general situation.
Eye	This product may cause temporary discomfort following direct contact with the eye.

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
--	--------------------------------------

3 Composition/information on ingredients

| Substance/mixture

	Mixture
--	---------

Component	CAS No.	Concentration (w/w,%)
Polypropylene	9003-07-0	69.7
Poly isobutylene	9003-27-4	15
Rubber oil	91995-70-9	15.3

4 First-aid measures

| Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation. First aid is not needed.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	According to the state of matter, not applicable.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms/effects, acute and delayed

- | | |
|---|------------------------|
| 1 | Please see section 11. |
|---|------------------------|

| Indication of any immediate medical attention and special treatment needed

- | | |
|---|--------------------------|
| 1 | Treat symptomatically. |
| 2 | Symptoms may be delayed. |

5 Fire-fighting measures**| Extinguishing media**

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

| Specific hazards arising from the substance or mixture

- | | |
|---|---|
| 1 | Development of hazardous combustion gases or vapor possible in the event of fire. |
| 2 | May expansion or decompose explosively when heated or involved in fire. |

| Special protective equipment and precautions for fire-fighters

- | | |
|---|--|
| 1 | As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. |
| 2 | Fight fire from a safe distance, with adequate cover. |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system. |

6 Accidental release measures**| Personal precautions, protective equipment and emergency procedures**

- | | |
|---|---|
| 1 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. |
| 2 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. |
| 3 | Use personal protective equipment,do not breathe dust/fume. |

| Environmental precautions

- | | |
|---|---|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided. |

| Methods and materials for containment and cleaning up

- | | |
|---|---|
| 1 | Cut off the source of the leak as much as possible. |
| 2 | Keep leaks in a ventilated place. |
| 3 | Isolation of contaminated areas and restrictions on access. |
| 4 | It is recommended that emergency personnel wear dust masks. |
| 5 | Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak. |

- | | |
|---|--|
| 6 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. |
|---|--|

7 Handling and storage

Precautions for safe handling

- | | |
|---|---|
| 1 | Handling is performed in a well ventilated place. |
| 2 | Wear suitable protective equipment. |
| 3 | Avoid contact with eyes. |
| 4 | Keep away from heat/sparks/open flames/ hot surfaces. |

Conditions for safe storage, including any incompatibilities

- | | |
|---|--|
| 1 | Keep containers tightly closed. |
| 2 | Keep containers in a dry, cool and well-ventilated place. |
| 3 | Keep away from heat/sparks/open flames/hot surfaces. |
| 4 | Store away from incompatible materials and foodstuff containers. |

8 Exposure controls/personal protection

Control parameters

Occupational Exposure limit values	No relevant regulations
------------------------------------	-------------------------

◆ Biological limit values

Biological limit values	No relevant regulations
-------------------------	-------------------------

◆ Monitoring methods

- | | |
|---|---|
| 1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. |
| 2 | GBZ/T 300 series standard Determination of toxic substances in workplace air. |

Engineering controls

- | | |
|---|--|
| 1 | Ensure adequate ventilation, especially in confined areas. |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| 4 | Set up emergency exit and necessary risk-elimination area. |

Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.

Skin and body protection	In general situation, skin and body protection are not needed.
---------------------------------	--

9 Physical and chemical properties and safety characteristics

Physical and chemical properties

Appearance	Solid
Odor	No special odor
Odor threshold	No information available
pH	Not applicable
Melting point/freezing point(°C)	> 100
Initial boiling point and boiling range(°C)	Decompose before boiling
Flash point(Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	Not combustible
Upper/lower explosive limits[% (v/v)]	Upper limit : Not applicable ; Lower limit : Not applicable
Vapor pressure	1kPa (Poly isobutylene)
Vapor density(Air = 1)	> 1 (Poly isobutylene)
Relative density(Water=1)	< 1
Solubility	Insoluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	Not combustible
Decomposition temperature(°C)	No information available
Viscosity	Not applicable

10 Stability and reactivity

Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	No information available.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

| Acute toxicity

Acute toxicity	No information available
-----------------------	--------------------------

| Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
1-Propene, homopolymer	Not Listed	Not Listed
Poly isobutylene	Not Listed	Not Listed
Rubber	Not Listed	Not Listed

| Others

FLY-REEL, REFILL FLY-REEL	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

| Acute aquatic toxicity

Acute aquatic toxicity	No information available
-------------------------------	--------------------------

| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
---------------------------------	--------------------------

| Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Poly isobutylene	Low	Low

| Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Poly isobutylene	Low	Log Kow=2.2256

| Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Poly isobutylene	Low	35.04

| Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Poly isobutylene	Insufficient information, temporarily unable to evaluate

13 Disposal considerations

| Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

| Label and Mark

Transporting Label	Not applicable
--------------------	----------------

| IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
-----------	--

| IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
----------	--

| UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
--------	--

15 Regulatory information

| International chemical inventory

Component	EC inventory	TSCA	DSL	IECS C	NZIo C	PICCS	KECI	AIIC	ENC S
1-Propene, homopolymer	x	x	x	x	x	x	x	x	x
Poly isobutylene	x	✓	✓	✓	✓	✓	✓	✓	✓
Rubber	x	x	x	x	x	x	x	x	x

[EC inventory] European Inventory of Existing Commercial Chemical Substances

[TSCA]	United States Toxic Substances Control Act Inventory
[DSL]	Canadian Domestic Substances List
[IECSC]	China Inventory of Existing Chemical Substances
[NZIoC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECI]	Korea Existing Chemicals Inventory
[AIIC]	Australian. Inventory of Industrial Chemical (AIIC)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

Note:

“√”	Indicates that the substance included in the regulations.
“x”	No data or not included in the regulations.

16 Other information

Information on revision

Creation Date	2023/04/07
Revision Date	2023/04/11
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor	HCS	Hazard Communication Standard

Disclaimer

This Safety Data Sheet (SDS) was prepared according to OSHA HCS-2012. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

End of MSDS