

Material Safety Data Sheet



FK 55 Mold Release Sheets

1. Product and company identification

Product name : FK 55 Mold Release Sheets
Code : TX9406, TX9407
Material uses : Mold release.
Supplier/Manufacturer : ITW Texwipe
 300 B Route 17 South
 Mahwah, NJ, USA, 07430
 Tel : 1-(201) 684-1800
 Fax : 1-(201) 684-1801
 Website : www.texwipe.com

Responsible name : Atrion Regulatory Services, Inc.
In case of emergency : CHEMTREC International: (703) 527-3887

2. Hazards identification

Physical state : Pre-Wetted Sheets.
Odor : Mild.
Emergency overview : WARNING !
 FLAMMABLE SOLID. VAPOR MAY CAUSE FIRE. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
 Keep away from heat, sparks and flame. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wash thoroughly after handling.

Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects
Inhalation : Irritating to respiratory system.
Ingestion : No known significant effects or critical hazards.
Skin : Irritating to skin.
Eyes : Irritating to eyes.
Potential chronic health effects
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Medical conditions aggravated by over-exposure : Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

See toxicological information (section 11)

3. Composition/information on ingredients

United States

Name	CAS number	%
Naphtha (petroleum), light alkylate	64741-66-8	60 - 100

3 . Composition/information on ingredients

Canada			
Name	CAS number	%	
Naphtha (petroleum), light alkylate	64741-66-8	60 - 100	

Mexico								
Name	UN number	IDLH	Classification				CAS number	%
			H	F	R	Special		
Naphtha (petroleum), light alkylate	UN1268	-	1	3	0		64741-66-8	60 - 100

Final product is comprised of solid cloth media that is saturated with the above components. Fill volume is controlled to ensure that no free liquid is present in the final product packaging.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4 . First aid measures

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Get medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

5 . Fire-fighting measures

- Flammability of the product** : Flammable.
- Extinguishing media**
 - Suitable** : Use dry chemical powder.
 - Not suitable** : Do not use water jet.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Use suitable protective equipment. Eliminate all ignition sources.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up**
 - Large spill** : Place spilled material in an appropriate container for disposal.

7 . Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Wash thoroughly after handling.
- Storage** : Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

8 . Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

- Engineering measures** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Eyes** : Safety glasses.
- Skin** : Lab coat.
- Respiratory** : A respirator is not needed under normal and intended conditions of use.
- Hands** : Natural rubber (latex).
- Personal protective equipment (Pictograms)** :



- HMIS Code/Personal protective equipment** : B

9 . Physical and chemical properties

- Physical state** : Pre-Wetted Sheets.
- Flash point** : Closed cup: 6.6°C (43.9°F). (Tagliabue.)
- Flammable limits** : Lower: 1.3% Upper: 10.2%
- Color** : Colorless.
- Odor** : Mild.
- Boiling/condensation point** : >112°C (233.6°F)
- Vapor pressure** : 4.8 kPa (36 mm Hg) (at 20°C)
- Volatility** : > 98% (v/v)
- Evaporation rate** : 1.6 compared with Butyl acetate.
- VOC** : 99 (%)
- Solubility** : Insoluble.

10 . Stability and reactivity

- Stability** : The product is stable.
- Hazardous polymerization** : Will not occur.
- Materials to avoid** : Reactive or incompatible with the following materials: oxidizing materials.

11 . Toxicological information

- Acute toxicity**
- Inhalation** : Irritating to respiratory system.
- Ingestion** : No known significant effects or critical hazards.
- Skin** : Irritating to skin.
- Eyes** : Irritating to eyes.

12 . Ecological information

- Other adverse effects** : No known significant effects or critical hazards.

13 . Disposal considerations



- Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations.



Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 . Transport information

AERG : 133

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	-	ORM-D	-	-		-
TDG Classification	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate)	4.1	II		-
Mexico Classification	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate)	4.1	II		-

14 . Transport information

IMDG Class	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate)	4.1	II		-
IATA-DGR Class	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate)	4.1	II		-

PG* : Packing group

15 . Regulatory information

United States

HCS Classification

: Flammable solid
Irritating material

U.S. Federal regulations

: **SARA 302/304/311/312 extremely hazardous substances:** No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State regulations

: **Connecticut Carcinogen Reporting:** None of the components are listed.
Connecticut Hazardous Material Survey: None of the components are listed.
Florida substances: None of the components are listed.
Illinois Chemical Safety Act: None of the components are listed.
Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.
Louisiana Reporting: None of the components are listed.
Louisiana Spill: None of the components are listed.
Massachusetts Spill: None of the components are listed.
Massachusetts Substances: None of the components are listed.
Michigan Critical Material: None of the components are listed.
Minnesota Hazardous Substances: None of the components are listed.
New Jersey Hazardous Substances: None of the components are listed.
New Jersey Spill: None of the components are listed.
New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.
New York Acutely Hazardous Substances: None of the components are listed.
New York Toxic Chemical Release Reporting: None of the components are listed.
Pennsylvania RTK Hazardous Substances: None of the components are listed.
Rhode Island Hazardous Substances: None of the components are listed.

California Prop. 65

No products were found.

Canada

15 . Regulatory information

WHMIS (Canada) : Class B-4: Flammable solid.
Class D-2B: Material causing other toxic effects (Toxic).



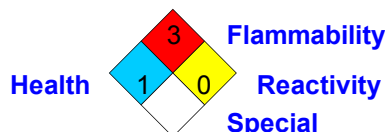
Canadian lists : **CEPA Toxic substances**: None of the components are listed.
Canadian ARET: None of the components are listed.
Canadian NPRI: None of the components are listed.
Alberta Designated Substances: None of the components are listed.
Ontario Designated Substances: None of the components are listed.
Quebec Designated Substances: None of the components are listed.

Canada inventory : All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Mexico

Classification :



International regulations

International lists : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

16 . Other information

Label requirements : FLAMMABLE SOLID. VAPOR MAY CAUSE FIRE. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Hazardous Material Information System (U.S.A.) :

Health	1
Fire hazard	3
Physical Hazard	0
Personal protection	B

HAZARD RATINGS

- 4- Extreme
- 3- Serious
- 2- Moderate
- 1- Slight
- 0- Minimal

See section 8 for more detailed information on personal protection.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.) :



16 . Other information

References	: ANSI Z400.5, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994.
Date of issue	: 11/01/2007
Date of previous issue	: 06/30/2006
Version	: 3

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.